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NO. 1

Carleton College

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NORTHFIELD, MINN.

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DONALD JOHN COWLING, PH. D. (Yale), D. D. (Baker).
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Treasurer.

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Assistant to the President, and Registrar.

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Dean of Women.

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Dean of Senior Men.

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Dean of Junior Men.

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Resident Head of New Dormitory for Women.

THERESA JANE SCOTT.
Superintendent of Gridley Hall.

EDITH MAY SHOWERS.
Superintendent of Men's Dormitory.

eva McMAHON (Graduate Nurse, Brooklyn Homeopathic Hospital).
Resident Nurse.

MARJORIE ELSIE SCOTT.
Assistant to the Superintendent of Gridley Hall.

THOMAS PETLEY COMPORT.
Secretary to the President.

*ALICE MARIA PAGE, B. S. (Carleton).
Secretary to the Treasurer.

*ANSTICE TENNY ABBOTT.
Secretary to the Dean of the Conservatory.

BERTHA ABIGAIL ABBOTT.
Assistant in the Office of the Treasurer.

HOLMES AND FLINN, 8 South Dearborn Street, Chicago.
Architects.

Faculty Committees, 1917-18

1. *On registration:* PROFESSORS GINGRICH, BENTON, WOODS, HILL, VESTLING, BIRD.

2. *On alumni interests:* PROFESSORS WILSON, WATSON, EXNER, AND MISS GLADSTONE.

*Part time.

Faculty* 1917-18

THE COLLEGE

DONALD JOHN COWLING, PH. D. (Yale), D. D. (Baker).

President on the Martha Walker Wilkinson Foundation, and Professor of Philosophy.

HERBERT COUPER WILSON, PH. D. (University of Cincinnati).

Professor of Mathematics and Astronomy, and Director of the Observatory.

ISABELLA WATSON, B. L. (Carleton).

Professor of French and German.

FRANZ FREDERICK EXNER, PH. D. (University of Pennsylvania).

Professor of Chemistry.

FRED BURNETT HILL, B. L. (Carleton), B. D. (Hartford).

Professor of Biblical Literature and Missions, and Dean of Junior Men.

AXEL EBENEZER VESTLING, PH. D. (Yale).

Professor of German, and Dean of Sophomore Men.

CURVIN HENRY GINGRICH, PH. D. (University of Chicago).

Professor of Mathematics and Astronomy, Registrar, and Assistant to the President.

WALTER MELVILLE PATTON, PH. D. (University of Heidelberg), D. D. (Baker).

Professor of Biblical Literature and History of Religion, and Director of the Library.

NEIL STANLEY DUNGAY, PH. D. (University of Chicago).

Professor of Biology.

*Three grades of faculty ranking are recognized: professor, assistant professor, and instructor. Assistants are not regarded as members of the faculty. In cases where there is more than one professor in a department, a department chairman for administrative purposes is appointed each year by the President.

Professors are arranged in order of appointment; all others alphabetically.

JOHN ELOF BOODIN, Ph. D. (Harvard).

Professor of Mental and Moral Philosophy on the John Chandler Williams Foundation.

ARTHUR LESLIE KEITH, Ph. D. (University of Chicago).

Professor of Latin on the Horatio Nelson Brinsmade Foundation.

GEORGE BENJAMIN WOODS, Ph. D. (Harvard).

Professor of English, and Dean of Senior Men.

MARY LATHROP BENTON, L. H. D. (Smith).

Professor of French, and Dean of Women.

ISAAC MERTON COCHRAN, M. A. (University of Michigan).

Professor of Public Speaking, and Resident Head of Men's Dormitory.

JAMES PYPER BIRD, M. A. (University of Michigan).

Professor of Romance Languages, and Dean of Freshmen Men.

JAMES HOWARD ROBINSON, Ph. D. (Columbia).

Professor of History.

LEAL AUBREY HEADLEY, Ph. D. (Harvard).

Professor of Education and Psychology, and Director of the Bureau of Appointments.

HENRY HOLLAND CARTER, Ph. D. (Yale).

Professor of English.

JOHN WESLEY HORNBECK, Ph. D. (University of Illinois).

Professor of Physics.

EDWARD THEODORE BOZENHARD, B. A. (Cumberland University).

Assistant Professor of Physical Education, and Director of the Gymnasium.

HOWARD BUCK, B. S. (University of Wisconsin).

Assistant Professor of Physical Education, and Director of Athletics.

HESTER PERDUE CARTER, Ph. B. (Grinnell).

Assistant Professor of Physical Education for Women, and Resident Head of New Dormitory for Women.

ARTHUR DECKER KEATOR, B. A. (Amherst), B. L. S. (New York State Library School).

Assistant Professor of Library Science, and Associate Librarian.

ALFRED T. LARSON, PH. D. (Harvard).

Assistant Professor of Chemistry.

*NUBA M. PLETCHER, PH. D. (Columbia).

Assistant Professor of Economics.

FREDERICK FRANKLIN SHOWERS, B. S. (University of Wisconsin).

Assistant Professor of Agriculture, and Manager of the College Farm.

HERMAN JUSTUS THORSTENBERG, PH. D. (Yale).

Assistant Professor of Political Science and Economics.

OTIS JOHNSON TODD, PH. D. (Harvard).

Assistant Professor of Classics.

FRANCES ALLEN FOSTER, PH. D. (Bryn Mawr).

Instructor in English.

WYMAN REED GREEN, M. A. (University of Kansas).

Instructor in Biology.

JULIA MAY HAWKES, M. A. (Columbia).

Instructor in Mathematics.

FLORENCE BLANCHARD HUBBARD, M. A. (Carleton).

Instructor in Public Speaking.

*LUMETTA GLADYS SWANSON, B. A. (Carleton).

Assistant in Physical Education for Women.

THE CONSERVATORY

EDWARD STRONG.

Dean, and Professor of Voice.

FREDERICK LOCKE LAWRENCE, Mus. B. (Northwestern).

Professor of Piano and Composition.

CARL PAIGE WOOD, M. A. (Harvard), F. A. G. O.

Assistant Professor of Organ, Theory and Appreciation, and College Organist.

ALMEDA FRANCES MANN.

Instructor in Piano and Violin.

MABEL L. RUEHE, Mus. B. (University of Illinois).

Instructor in Public School Music and Voice.

*Part time.

Announcements

Date of Opening

Monday, October 1, will be the first day of registration for the first semester.

Information

An information bureau will be maintained in the office of the Registrar during the opening days of the semester.

Registration

Registration for the first semester will be held on Monday and Tuesday, October 1 and 2, as follows: On Monday from 2 to 5 p. m., on Tuesday from 9 a. m. to 12 m. and from 2 to 5 p. m. The women will registrar in Miss Benton's office and the men in the offices of the Class Deans. Students entering the Conservatory of Music will register in the office of the Dean of the Conservatory.

The President will be in his office for consultation with students on Monday from 3 to 4 p. m., on Tuesday from 10 a. m. to 12 m., and from 2 to 5 p. m.

The semester bills are payable at the time of registration and should be paid at the office of the Treasurer.

A fee of \$2 will be charged for registration after Tuesday.

Certificates for admission should be sent to the Registrar by Tuesday, September 25.

Examinations

Examinations for admission to the Freshman class and for advanced standing will be held on Monday, October 1. Examinations for making up deficiencies will be held on Monday, October 8. Those who desire examinations must make arrangements for them thru the Registrar before these dates.

Opening Exercises

A schedule of ten minute periods with five minute intervals will be followed on Wednesday morning, beginning at 8 o'clock. This is planned to enable the students to find the class rooms, to meet the instructors, and to receive assign-

ments. Class lists will be formed at this time. The schedule follows:

Period 1 and	I—8:00-8:10	Period 7 and VII—	9:30- 9:40
2 " "	II—8:15-8:25	8	— 9:45- 9:55
3 " "	III—8:30-8:40	9	—10:00-10:10
4 " "	IV—8:45-8:55	10	—10:15-10:25
5 " "	V—9:00-9:10	11	—10:30-10:40
6 " "	VI—9:15-9:25	12	—10:45-10:55

The opening chapel exercises will be held in the Skinner Memorial Chapel at 11 a. m., Wednesday.

The regular class schedule will be begun on Wednesday afternoon at 1:35.

Changes in Administration

Beginning with the opening of the college year, a plan of class deans for men will be inaugurated. For the coming year Professor Woods will be the Dean of senior men, Professor Hill, Dean of junior men, Professor Vestling, Dean of sophomore men, and Professor Bird, Dean of freshman men. These Deans will sustain to these groups the relationship formerly filled by the Dean of the College.

Professor Gingrich will continue as Registrar and will share in the general administration of the college as Assistant to the President.

Changes in Faculty

The following changes, in addition to those previously announced, will be made in the faculty for the coming year:

Professor Ezra T. Towne has resigned to accept the headship of the Department of Economics and Political Science at the University of North Dakota. Pending the reorganization of our department, the courses in Economics and related subjects will be offered by Assistant Professor Thorsenberge and Assistant Professor Pletcher. A new course in "The Philosophy of the State" will be offered by Professor Boodin. Professor Hill will offer the course in General Principles of Sociology.

Assistant Professor James Ewing has resigned in order to enter military service. The courses formerly offered by Dr. Ewing will be provided for during the coming year by rearrangement within the department.

Dr. Clifford C. Crump has resigned to accept an appointment at Ohio Wesleyan University as Assistant Professor of Astronomy. The courses formerly offered by Dr. Crump will be provided for during the coming year partly by rearrangement within the department and partly by Assistant Professor Buck. During the past summer, Professor Buck has been in charge of the surveying classes at the University of Wisconsin.

New Courses

Beginning with the opening of the college year, several courses will be offered for the first time.

The Department of Agriculture, which is in charge of Professor Frederick F. Showers who comes to Carleton from the University of Wisconsin, will offer courses as follows:

301. **ANIMAL HUSBANDRY.**—The course in animal husbandry presupposes a knowledge of the fundamentals of cell structure, growth, and development. This course will include the selection of primary elements in the determining of dairy cattle true to type with especial emphasis on breeding, feeding, and caring for dairy animals. All class room work will be based on actual experiments being carried on at the College Farm.

First Semester.—3 hours credit.

302. **PLANT LIFE ON THE FARM.**—This course will be based upon a thoro course in botany—determining elements in caring for seeds, preparation of soils, planting of seeds, value of different farm crops in balancing of rations for live stock. This work will be based on actual experiments being carried on at the College Farm.

Second Semester.—3 hours credit.

The courses in agriculture will be open only to men in the two upper classes.

The Department of Art and Archaeology just established will offer one course as follows:

201. **GREEK AND ROMAN ART.**—Chief attention will be given to the development of the main characteristics of vase painting, architecture, and sculpture. In addition to copious book and lantern illustrations the college has provided for this course a collection of representative casts of Greek sculpture. Knowledge of Greek is not essential. This course is also announced as Greek 241.

First Semester.—3 hours credit.

The Department of Biblical Literature will offer a course thruout the year in Christianity and World Problems. In the first semester this course will treat of the present social, political, and religious conditions in Mohammedan lands, and an application of Christianity to religion and politics in the near East. In the second semester the course will treat of the present day tendencies of social, political, and religious conditions in India, China, and Japan, an an application of Christianity to religion and politics in the far East.

In the second semester a course in the Social Teachings of the Hebrew Prophets will be offered. This course will be open to Freshmen and Sophomores.

The Department of Economics will offer one new course thruout the year. In the first semester this course will take up the subject of Business Administration and in the second semester, the subject of Commercial Law.

The course in "The Philosophy of the State" offered by Professor Boodin will count for credit in either Department of Political Science or Philosophy.

The Department of Education will offer in the first semester a course in the Philosophy of Education. This course will be given the number 305. In the March Bulletin was assigned the number 300.

The Department of Library Science will offer a second year course thruout the year. This course will be open only to those who have taken the work of the first year in this department.

The Department of Music will offer thruout the year a course in Appreciation of Music. This course is designed to present music from the standpoint of the average listener, untrained in music theory or the technic. There is no prerequisite, but ability to read music will be found very advantageous. Standard works will be played, discussed and analyzed from various points of view. This course is an elective for college students and will be given college credit.

A course in Military Training will be given again during

the coming year. This course will be open to all the men of the college and may be substituted for the required work in Physical Education. If not substituted for Physical Education it will be regarded as one hour credit.

Recital and Concert Course

The following course of musical concerts has been arranged for the coming year: Flonzaley Quartet, Wednesday, November 17; Francis MacMillan (violin), Friday, December 7; Guiomar Novaes (piano), Wednesday, January 16; Arthur Shattuck (piano), Friday, February 15; Tilly Koenen (voice), Friday, March 8.

Dormitories

All students in the College and in the Conservatory, except those living at home, unless individually excused, are required to live in the college dormitories. In case the number of students exceeds the rooming capacity of the dormitories, the option of rooming in the dormitory or in private homes will be extended in order of class seniority.

Semester Fee

In addition to the charges announced in the catalog issued last March, the College will be obliged the coming year to charge an additional fee of \$12.50 each semester. This fee is made necessary by the sharp increase in prices of all supplies and will provide for only a part of the increased expenditures necessary to maintain under present conditions the standards of the College.

Student Work

Work in the dining rooms and in the college buildings will be assigned to students as formerly as far as practicable.

In former years there has been a much greater demand from the residents of Northfield for students to do miscellaneous work than could be supplied. This year the office of the Dean of Women and the office of the Registrar will be used as a medium for enabling students to get in touch with work of this kind. Students wishing work should list their names promptly at the opening of the year. People

who desire student help will be requested to telephone to Miss Benton or to the Registrar's office.

Prospective Enrollment

It will be a matter of interest to students who are planning to return to know that present indications point to a normal enrollment for the coming year. Because of the strong pressure of circumstances to divert men from their college course, and, on the other hand, because of the urgent advice to students from those high in authority in national affairs to continue educational preparation as far as possible, a letter was addressed to all the men of the student body of last year except those who had definitely entered some form of military service. The purpose of the letter was to secure data concerning the number of men who would continue their courses in Carleton. A few to whom letters were sent have not as yet replied. Of the replies received, seventy per cent state definitely that they will return, and several are undecided. Applications for rooms on the part of women students indicate that the enrollment of women will be fully equal to that of last year. At the present date (September 4) there is a list of 171 new students. As applications are coming in daily, there is strong likelihood that the total student body will equal if not exceed that of last year.

Directory of Offices

Office of President.....	Laird Hall, Tel. No. 111
Office of Treasurer.....	Laird Hall, Tel. No. 111
Office of Registrar.....	Room 209, Conservatory of Music, Tel. No. 348
Office of Dean of Women.....	Gridley Hall, Tel. No. 366
Office of Dean of Senior Men.....	Room 211, Conservatory of Music, Tel. No. 348
Office of Dean of Junior Men.....	Room 210, Conservatory of Music, Tel. No. 348
Office of Dean of Sophomore Men.....	Room 309, Conservatory of Music, Tel. No. 348
Office of Dean of Freshman Men.....	Room 210, Conservatory of Music, Tel. No. 348
Office of Dean of the Conservatory.....	Room 110, Conservatory of Music, Tel. No. 415
Office of Director of Bureau of Appointments.....	Room 211, Conservatory of Music, Tel. No. 348

Schedule of Recitations
FIRST SEMESTER, 1917-18.

Classes which recite two and those which recite three times a week are assigned to periods numbered from 1 to 12; those which recite four times a week are assigned to periods numbered from I to VII. The hours which correspond to these periods are indicated in the following table:

TWO- AND THREE-HOUR PERIODS

	<i>T</i>	<i>W</i>	<i>Th</i>	<i>F</i>	<i>S</i>
8:00 a. m.	1	1	7	1	7
9:00 a. m.	2	7	2	8	2
10:30 a. m.	8	3	8	3	3
11:30 a. m.	4	4	9	4	9
1:35 p. m.	5	9	5	5	10
2:30 p. m.	10	6	10	6	6
3:25 p. m.	11	11	12	11	12

FOUR-HOUR PERIODS

	<i>T</i>	<i>W</i>	<i>Th</i>	<i>F</i>	<i>S</i>
8:00 a. m.	I	I	I	I	
9:00 a. m.	II	II	II		II
10:30 a. m.	III	III		III	III
11:30 a. m.	IV		IV	IV	IV
1:35 p. m.	V	V	V	V	
2:30 p. m.	VI	VI	VI	VI	
3:25 p. m.	VII	VII	VII	VII	

In arranging a class program it should be noted that four-hour periods conflict with three-hour periods as follows:

Period I	with periods 1 and 7
Period II	with periods 2 and 7
Period III	with periods 3 and 8
Period IV	with periods 4 and 9
Period V	with periods 5 and 9
Period VI	with periods 6 and 10
Period VII	with periods 11 and 12

Recitation rooms are indicated by letter as follows:

Rooms A, B, C, D, E, F, G, H, I, and J in Willis Hall; K, L, M, and N in Williams Hall; S and T in Goodsell Observatory; V and W in Scoville Library; LH, Laird Hall; CM, Conservatory of Music.

Chapel exercises are held on each school day at 10:00 a. m.

COURSES.

COURSE NO.	PERIOD	ROOM	INSTRUCTOR
Agriculture 301	6	F	Mr. Showers
Art and Archaeology 201	9	H	Mr. Todd
Astronomy 301	3	S	Mr. Wilson
303	5	T	Mr. Wilson

COURSE NO.		PERIOD	ROOM	INSTRUCTOR
Biblical Lit.	102	9	F	Mr. Patton
	105	8 F	F	Mr. Patton
	203	8 T Th	F	Mr. Patton
	205	7	L	Mr. Hill
	221	4 W F	F	Mr. Patton
	301	5	L	Mr. Hill
	321	1	J	Mr. Patton
Biology	101	2	LH	Mr. Green
	101 Lab.	To be arranged	LH	Mr. Green
	103	8	LH	Mr. Dungay
	103 Lab.	9	LH	Mr. Green
	105 Sec. 1	1	LH	Mr. Dungay
	105 Sec. 2	7	LH	Mr. Dungay
	201	9	LH	Mr. Dungay
	203	5	LH	Mr. Green
	203 Lab.	10	LH	Mr. Green
	301	4	LH	Mr. Green
	301 Lab.	3	LH	Mr. Green
Chemistry	101	1	LH	Mr. Exner
	101 Lab. Sec. 1	3	LH	Mr. Larson
	101 Lab. Sec. 2	8	LH	Mr. Larson
	103	7	LH	Mr. Exner
	103 Lab. Sec. 1	1	LH	Mr. Larson
	103 Lab. Sec. 2	2	LH	Mr. Larson
	201	5 F	LH	Mr. Larson
	201 Lab.	V, VI, VII, T Th	LH	Mr. Larson
	301	8 Th	LH	Mr. Exner
	301 Lab.	V, VI, VII T Th	LH	Mr. Exner
	303	4	LH	Mr. Larson
	303 Lab.	V, VI, VII W	LH	Mr. Larson
	305	8 T	LH	Mr. Exner
	305 Lab.	V, VI, VII W F	LH	Mr. Exner
Economics	201 Sec. 1	1	L	Mr. Thorstenberg
	201 Sec. 2	8	L	Mr. Thorstenberg
	213	7:30 to 9:30 p. m. W	M	Mr. Pletcher
	308	2	F	Mr. Thorstenberg
	309	6 and 11 W	M	Mr. Pletcher
	315	7	I	Mr. Thorstenberg
Education	201 Sec. 1	2	L	Mr. Boodin
	201 Sec. 2	7	K	Mr. Headley
	201 Sec. 3	8	K	Mr. Headley
	303	1	K	Mr. Headley
	305	2	K	Mr. Headley
English	101 Sec. 1	1	W	Mr. Carter
	101 Sec. 2	4	M	Miss Hubbard
	101 Sec. 3	5	W	Mr. Todd
	101 Sec. 4	7	D	Miss Foster
	101 Sec. 5	8	W	Mr. Woods
	101 Sec. 6	9	W	Miss Foster

COURSE NO.		PERIOD	ROOM	INSTRUCTOR
English	201	4	W	Mr. Woods
	215 Sec. 1	3	D	Miss Foster
	215 Sec. 2	8	D	Mr. Carter
	215 Sec. 3	9	K	Mr. Carter
	301	8	V	Miss Foster
	311	7	W	Mr. Carter
	315	2	W	Mr. Woods
	317	4	D	Miss Foster
	321	3	W	Mr. Woods
French	101 Sec. 1	III	G	Miss Benton
	101 Sec. 2	IV	C	Miss Benton
	201 Sec. 1	4	E	Miss Watson
	201 Sec. 2	5	E	Mr. Bird
	301	3	F	Miss Watson
	305	6	B	Miss Watson
German	101	V	B	Mr. Vestling
	201 Sec. 1	2	B	Mr. Vestling
	201 Sec. 2	5	B	Miss Watson
	203	9	D	Miss Watson
	205	8	B	Mr. Vestling
	303	1	B	Mr. Vestling
Greek	101	To be arranged	H	Mr. Todd
	201	To be arranged	H	Mr. Todd
	241	9	H	Mr. Todd
History	201	4	G	Mr. Robinson
	203	3	I	Mr. Robinson
	301	2	G	Mr. Robinson
	307	8	I	Mr. Robinson
	311	9 Th S	G	Mr. Robinson
Latin	11	III	A	Mr. Keith
	21	IV	A	Mr. Keith
	31	5	A	Mr. Keith
	101	2	A	Mr. Keith
	III	10 Th	A	Mr. Keith
	201	1	A	Mr. Keith
	301 and 333	6	A	Mr. Keith
Library Science	303	6 F	W	Mr. Keator
Mathematics	101 Sec. 1	II	C	Miss Hawkes
	101 Sec. 2	III	C	Mr. Buck
	101 Sec. 3	VI	S	Miss Hawkes
	103 Sec. 1	I	C	Miss Hawkes
	103 Sec. 2	IV	S	Mr. Buck
	103 Sec. 3	V	S	Miss Hawkes
	201	I	S	Mr. Gingrich
	203	7	S	Mr. Gingrich
	301	9	T	Mr. Wilson
	305	8	S	Mr. Wilson

COURSE NO.	PERIOD	ROOM	INSTRUCTOR
Military Training	II	Gym	Mr. Dungay
Music. Periods for all courses to be arranged after classes have formed.			
Philosophy 201 Sec. 1	2	L	Mr. Boodin
201 Sec. 2	7	K	Mr. Headley
201 Sec. 3	8	K	Mr. Headley
301	8	M	Mr. Boodin
306	7	F	Mr. Boodin
309	3	L	Mr. Boodin
312	4	K	Mr. Boodin
Phys. Ed. (women) 103 Sec. 1	4	Gym	Miss Carter
103 Sec. 2	11	Gym	Miss Carter
201 Sec. 1	6	Gym	Miss Carter
201 Sec. 2	10	Gym	Miss Carter
301	9	Gym	Miss Carter
303	Beg. Nov. 6 3:30 to 5:10 T	Gym	Miss Carter
Phys. Ed. (men) 103 Sec. 1	4	Gym	Mr. Bozenhard
103 Sec. 2	10	Gym	Mr. Bozenhard
201	6	Gym	Mr. Bozenhard
301	9	Gym	Mr. Bozenhard
303	8:00 to 9:45 M	Gym	Mr. Bozenhard
Physics 201	1	LH	Mr. Hornbeck
201 Lab. Sec. 1	8:00 to 10:00 M	LH	Mr. Hornbeck
201 Lab. Sec. 2	1:35 to 3:20 T	LH	Mr. Hornbeck
201 Lab. Sec. 3	2:30 to 4:15 W	LH	Mr. Hornbeck
205	To be arranged	LH	Mr. Hornbeck
307	3	LH	Mr. Hornbeck
307 Lab.	1:35 to 3:20 F	LH	Mr. Hornbeck
309	9	LH	Mr. Hornbeck
Political Science 307	4	L	Mr. Thorstenberg
Pub. Speaking 101 Sec. 1	1 T F	M	Miss Hubbard
101 Sec. 2	2 T Th	N	Mr. Cochran
101 Sec. 3	3 W F	M	Miss Hubbard
101 Sec. 4	7 W S	M	Miss Hubbard
101 Sec. 5	9 Th S	M	Miss Hubbard
201	7	N	Mr. Cochran
203 Sec. 1	2	M	Miss Hubbard
203 Sec. 2	4	N	Mr. Cochran
203 Sec. 3	8	N	Mr. Cochran
Sociology 201	9	L	Mr. Hill
Spanish 101 Sec. 1	I	E	Mr. Bird
101 Sec. 2	III	E	Mr. Bird
201	2	E	Mr. Bird
301	9	E	Mr. Bird

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Administrative Officers, 1918-19

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Dean of Freshman Men.

LEAL AUBREY HEADLEY, Ph. D. (Harvard).
Director of the Bureau of Appointments.

WALTER MELVILLE PATTON, Ph. D. (University of Heidelberg), D. D. (Baker).
Director of the Library.

ELEANOR JANE GLADSTONE, B. A. (Carleton).
Reference Librarian.

MARY LAVINIA STEWART.
Secretary to the President.

OLIVE MAY HAWVER.
Secretary to the Treasurer.

*Absent on leave for war work in France.

GERTRUDE MARY CARLAW.

Assistant in the Office of the Treasurer.

EV A VICTORIA STADE, B. A. (Carleton).

Secretary to the Registrar and to the Director of the Bureau of Appointments.

THE CONSERVATORY

EDWARD STRONG.

Dean.

MARIE ACKERMAN.

Secretary to the Dean.

OFFICERS IN CHARGE OF DORMITORIES, COLLEGE FARM, ETC.

TERESA JANE SCOTT.

Superintendent of Gridley Hall.

EDITH MAY SHOWERS.

Superintendent of Men's Dormitory.

HESTER PERDUE CARTER, PH. B. (Grinnell).

Resident Head of New Dormitory for Women.

EV A McMAHON (Graduate Nurse, Brooklyn Homeopathic Hospital).

Resident Nurse.

MARJORIE ELSIE SCOTT.

Assistant to the Superintendent of Gridley Hall.

FREDERICK FRANKLIN SHOWERS, B. S. (University of Wisconsin).

Manager of the College Farm.

HOLMES AND FLINN, 8 South Dearborn Street, Chicago.

Architects.

Faculty and Other Officers of Instruction 1918-19*

THE COLLEGE

DONALD JOHN COWLING, Ph. D. (Yale), D. D. (Baker).
*President on the Martha Walker Wilkinson Foundation,
and Professor of Philosophy.*

HERBERT COUPER WILSON, Ph. D. (University of Cincinnati).
*Professor of Mathematics and Astronomy, and Director
of the Observatory.*

ISABELLA WATSON, B. L. (Carleton).
Professor of French and German.

FRANZ FREDERICK EXNER, Ph. D. (University of Pennsylvania).
Professor of Chemistry.

FRED BURNETT HILL, B. L. (Carleton), B. D. (Hartford).
*Professor of Biblical Literature and Missions, and Dean
of Senior Men.*

AXEL EBENEZER VESTLING, Ph. D. (Yale).
Professor of German, and Dean of Junior Men.

CURVIN HENRY GINGRICH, Ph. D. (University of Chicago).
*Professor of Mathematics and Astronomy, Registrar, and
Assistant to the President.*

WALTER MELVILLE PATTON, Ph. D. (University of Heidelberg), D. D. (Baker).
*Professor of Biblical Literature and History of Religion,
and Director of the Library.*

NEIL STANLEY DUNGAY, Ph. D. (University of Chicago).
Professor of Biology.

*Three grades of faculty ranking are recognized: professor, assistant professor, and instructor. Assistants are not regarded as members of the faculty. In cases where there is more than one professor in a department, a department chairman for administrative purposes is appointed each year by the President.

Professors are arranged in order of appointment; all others alphabetically.

JOHN ELOF BOODIN, PH. D. (Harvard).

Professor of Mental and Moral Philosophy on the John Chandler Williams Foundation.

ARTHUR LESLIE KEITH, PH. D. (University of Chicago).

Professor of Latin on the Horatio Nelson Brinsmade Foundation.

GEORGE BENJAMIN WOODS, PH. D. (Harvard).

Professor of English, and Dean of Freshman Men.

MARY LATHROP BENTON,* L. H. D. (Smith).

Professor of French, and Dean of Women.

ISAAC MERTON COCHRAN, M. A. (University of Michigan).

Professor of Public Speaking.

JAMES PYPER BIRD, PH. D. (University of Michigan).

Professor of Romance Languages, and Dean of Sophomore Men.

JAMES HOWARD ROBINSON, PH. D. (Columbia).

Professor of History.

LEAL AUBREY HEADLEY, PH. D. (Harvard).

Professor of Education and Psychology, and Director of the Bureau of Appointments.

HENRY HOLLAND CARTER, PH. D. (Yale).

Professor of English.

JOHN WESLEY HORNBECK, PH. D. (University of Illinois).

Professor of Physics.

EDGAR S. FURNISS, PH. D. (Yale).

Professor of Economics and Political Science.

EDWARD THEODORE BOZENHARD,† B. A. (Cumberland University).

Assistant Professor of Physical Education for Men, and Director of the Gymnasium.

HOWARD PIERCE BUCK, B. S. (University of Wisconsin).

Assistant Professor of Physical Education for Men, and Director of Athletics.

*Absent on leave for war work in France.

†Absent on leave. Physical Work director, Army Young Men's Christian Association, Camp Dodge, Iowa.

HESTER PERDUE CARTER, Ph. B. (Grinnell).

*Assistant Professor of Physical Education for Women,
and Resident Head of New Dormitory for Women.*

EDITH DENISE, M. A. (University of Chicago).

*Assistant Professor of French, and Acting Dean of
Women.*

JAMES EWING,* M. A., D. Sc. (University of Aberdeen).

Assistant Professor of Biology.

ALFRED T. LARSON,† Ph. D. (Harvard).

Assistant Professor of Chemistry.

FRANCES ALLEN FOSTER, Ph. D. (Bryn Mawr).

Assistant Professor of English.

OLAF HOVDA, Ph. D. (Göttingen).

Assistant Professor of Physics.

HARRY KURZ, Ph. D. (Columbia).

Assistant Professor of Romance Languages.

HELEN O. MAHIN, M. A. (University of Michigan).

Assistant Professor of Rhetoric and Journalism.

NUBA M. PLETCHER,‡ Ph. D. (Columbia).

Assistant Professor of Economics.

FREDERICK FRANKLIN SHOWERS, B. S. (University of Wisconsin).

*Assistant Professor of Agriculture, and Manager of the
College Farm.*

WYMAN REED GREEN, M. A. (University of Kansas).

Instructor in Biology.

FLORENCE BLANCHARD HUBBARD, M. A. (Carleton).

Instructor in Public Speaking.

LUELLA FREDERICA NORWOOD, M. A. (Carleton).

Instructor in English.

JESSIE EMMA RICHARDSON, B. S. (Carleton).

Instructor in Chemistry.

LUMETTA GLADYS SWANSON, B. A. (Carleton).

Assistant in Physical Education for Women.

*Absent on leave. With Canadian Military Forces in France.

†Absent on leave. In government research work, Washington, D. C.

‡Part time.

THE CONSERVATORY

EDWARD STRONG.

Professor of Voice, and Dean.

FREDERICK LOCKE LAWRENCE, Mus. B. (Northwestern).

Professor of Piano and Composition.

EDMUND SERENO ENDER, Mus. B. (Yale).

Professor of Organ and Theory, and College Organist.

MARGARET WHITNEY Dow, B. A., B. Mus. (Carleton).

Instructor in Piano.

ALMEDA FRANCES MANN.

Instructor in Piano and Violin.

MABEL L. RUEHE, Mus. B. (University of Illinois).

Instructor in Public School Music and Piano.

Announcements

Date of Opening

Monday and Tuesday, September 23 and 24, will be used for registration. Classes will meet for the first time on Wednesday morning.

Information

An information bureau will be maintained at the office of the Registrar, Room 209 in the Music Hall (telephone 348), during the opening days.

Registration

Registration hours will be from 2 to 5 p. m., Monday, and from 9 a. m. to 12 m. and 2 to 5 p. m., Tuesday. Senior, Junior, and Sophomore men will register in the offices of their respective deans. Senior and Junior women will register in the office of the Registrar. Sophomore women will register in Gridley Hall Chapel. All Freshmen, both men and women, will register in the Library. Registration for studies in the Conservatory of Music, both for private instruction and class work, will be made in the office of the Dean, Room 110 in Music Hall. After making his selection of studies the student will go at once to the office of the treasurer to complete his registration. A fee of \$2.00 will be charged for registration after the close of the days specified.

Office Hours of the President

The president will be in his office in Laird Hall for consultation with students on Monday from 3 to 4 p. m., on Tuesday from 10 a. m. to 12 m. and from 3 to 5 p. m.

Certificates and Examinations

Certificates for admission to the Freshman class and applications, with credits, for advanced standing should be in the hands of the Registrar not later than Thursday, Sept. 19.

Examinations for admission and for advanced standing will be held on Monday, September 23.

Examinations for making up deficiencies will be held on Monday, Sept. 30. Arrangements for examinations must be made in the office of the Registrar before the dates indicated.

Opening Exercises

A schedule of ten minute periods with five minute intervals will be followed on Wednesday morning, beginning at eight o'clock. This is planned to enable students to find the recitation rooms, to meet the instructors and to receive assignments of lessons. Class lists will be formed at this time. The schedule for Wednesday morning follows:

Period 1—8:00 to 8:10	Period 7—9:30 to 9:40
2—8:15 to 8:25	8—9:45 to 9:55
3—8:30 to 8:40	9—10:00 to 10:10
4—8:45 to 8:55	10—10:15 to 10:25
5—9:00 to 9:10	11—10:30 to 10:40
6—9:15 to 9:25	12—10:45 to 10:55

The opening chapel exercises will be held in the Skinner Memorial Chapel at 11:00 a. m., Wednesday.

The regular class schedule will be begun on Wednesday afternoon at 1:35.

SUMMER WORK OF THE FACULTY

President Cowling has been spending most of his summer in Washington as President of the American Council on Education. The Council is the result of a movement begun in January, 1918, under the auspices of the Association of American Universities and the Association of American Colleges. About a dozen national associations having to do with educational institutions were represented at the first conferences held in Chicago last January. Later, other associations have joined the movement so that at present the Council is composed of one representative from each of the seventeen national associations having to do with educational institutions.

The work of the Council is carried on chiefly through committees, of which there are eight, as follows: Students' War Service, Education for Citizenship, Educational Reconstruction, International Educational Relations, Opportunities for Study, National Department of Education, Co-operating Societies, War Service Training for Women College Students.

The Commission on Students' War Service has co-operated with the War Department's Committee on Education and Special Training in making provisions of the recently established Students' Army Training Corps known to parents and students. The War Department hopes to have 100,000 enlisted in this Corps this fall. A large part of the publicity work done in connection with this Corps has been handled through the American Council on Education. The Council has organized a state commission in every state in the Union. President Burton is Chairman of the Minnesota Commission. These state commissions have undertaken to secure the co-operation not only of all educational institutions, but as well of commercial clubs, churches, State Councils of Defense, Women's clubs, newspapers, etc. In many states speaking programs have been arranged. The objective has been to place before every young man in the country

eligible for college, the question as to whether he could not best serve his country by continuing for the present his regular college studies, and at the same time enlisting in the army as a member of the S. A. T. C.

The Committee on Foreign Educational Relations has co-operated with the Association of American Colleges (of which Dr. Cowling is President this year) in arranging the scholarships for the French women. The Council hopes also to bring over a number of invalided student soldiers from our various allies. If this is done, it will be with the co-operation of the War Department which will have charge of selecting the candidates and bringing them to this country. It is planned to establish in New York a Bureau of Educational Information concerning educational opportunities and institutions in this country. It is also likely that the "Committee on Friendly Relations among Foreign Students" of the Y. M. C. A. will also co-operate formally with the Committee of the Council. In this way there will be provided an effective agency to be responsible for the educational, social, and personal interests of foreign students coming to this country. It is believed that this arrangement will provide a most effective agency for cultivating and maintaining better international relations following the war. Professor Wm. H. Schofield, of Harvard, Exchange Professor at Carleton last April, is Chairman of this Committee. He has secured a year's leave of absence from Harvard and will devote all his time to this work the coming year.

The Council has also been represented in the conferences which have arranged for the providing of educational opportunities for American troops abroad.

The British Government is planning to send over to this country this autumn an educational mission, headed by the Vice-Chancellor of the University of Cambridge. This mission comes to this country under the auspices of the American Council on Education. Dr. Cowling is Chairman of the Committee in charge of the itinerary of the Mission.

The work of the other Committees is indicated by their titles as given above.

The Council is financed by the co-operative action of the

various national educational associations, and also of numerous individual colleges and universities. It is expected that many of the functions of the Council will be taken over in due time by a Federal Department of Education, which it is hoped will be established by action of Congress promptly following the close of the war, if not earlier.

Miss Benton sailed for France on June 27 as Chairman of the Committee of the Association of American Colleges appointed to assist the Committee appointed by the French Government to select students to be brought over to this country in September on scholarships to be provided by American colleges. The response to this plan on the part of the colleges in this country, as well as the young women of France, has been far greater than was expected. The Association of American Colleges last March undertook to find scholarships for a hundred French women; about two hundred and twenty-five of these scholarships have been provided by the colleges. Each scholarship provides for the board, room, tuition, and all fees, and amounts to about \$500. The young women to be brought over will be prepared to enter, without condition, at least the Freshman Class. Their preparation will include a writing and speaking knowledge of the English language. The scholarships will be renewed each year until the candidate receives her A. B. degree, provided satisfactory progress is made each year. Word recently received through the French High Commission at Washington indicates that there have been more than two hundred and fifty applicants for these scholarships.

The Committee, of which Miss Benton is Chairman, is visiting various points in France and interviewing each of the young women personally. A recent letter from Miss Benton speaks of the conference at Paris as follows:

"At Paris we had a most interesting meeting with the Committee of Paris people who have been interested in working up the matter. There were present Monsieur and Madame Petit-Dutailles, M. Coville, 'directeur de l' enseignement superieur,' Mrs. Bliss, wife of our Ambassador, M. Boutroux, wife of Prof. Boutroux of the Sorbonne—one of

the 'forty immortals' of the French Academy, the 'directrices' of Levres and Foutenayaux Roses, the two highest normal schools for girls which train the girls for the professorships of the Lycees and Ecoles Normales, the 'directrice' of the Lycee Victor Hugo, Mr. Paul Van Dyke and Mr. Vibbert, both of whom I think are connected with the American University Union—a club for college soldier boys. Here in Paris 10,000 have registered with it. Something about it should be well written up I think for your bulletin. I will look up the matter after our return to Paris if you wish me to do so.

"M. Coville expressed the thanks and appreciation of the French Government for the scholarships. He went on to say further that the French Government, even in this time of war, was ready to do 'le possible et l'un possible' to send the girls and that he hoped no really desirable candidate would be refused for lack of funds. He said he thought the French Government was disposed to appropriate from 50,000 to 60,000 francs for this purpose."

In writing of a later visit she says: "We have been delightfully entertained here at Le Mons, in the home of M. Renault, Inspecteur d' Academie. At Dijon, we dined with the family of the Recteur, M. Pade, one of whose daughters was at Bryn Mawr this year. We are cordially received everywhere and appreciate greatly this social contact as well as co-operation with people of the university circles of France."

Professor Fred B. Hill sailed on July 30 for England. Word was received of his safe arrival two weeks later. He went immediately to Paris, where he joined a commission, of which he was a member, appointed by the United States Government to investigate the work of the Y. M. C. A. in France, England, and Italy. Professor Hill will return in time to take up his college duties at the beginning of the college year.

Professor Neil S. Dungay, with eight students, is spending sixty days in a special military training course at Ft. Sheridan, Illinois. This work will terminate on September

16, after which Professor Dungay will return to Northfield and begin his college work at the opening of the college year.

Professor John E. Boodin has been appointed a member of the Committee on Education for Citizenship which has been established by the American Council on Education. Professor Boodin had a paper in *School and Society* last June on "Education for Democracy" and one in the *American Journal of Sociology* for July on "Social Systems." He has also a forthcoming paper on "Education and Society." He has spent the larger part of the summer in the preparation of a book which will be published shortly.

Professor Walter M. Patton is spending the vacation at his summer home near Montreal, Canada.

Professor I. M. Cochran has been teaching in the summer school in the University of Illinois.

Professor James P. Bird and family have been spending the summer in Ann Arbor, where he has been engaged in work connected with the University. Professor Bird received the degree of Doctor of Philosophy from the University of Michigan last June.

Professor Henry H. Carter is spending the summer in agricultural work on his father's farm in Ohio.

Mr. Wyman R. Green spent the early part of the summer on his father's farm in Oklahoma. Later he went to the University of Chicago to continue work on his thesis. He has already returned to Northfield.

Professor Wilson spent a month at his summer cottage near Bemidji. He has returned to Northfield and has resumed his work at the Observatory.

Professor E. T. Bozenhard is still engaged in Y. M. C. A. physical education work at Camp Dodge.

Professor James Ewing, according to latest information, is with the Canadian Forces in France.

Professor Alfred T. Larson, who left at the middle of the year to begin government work in Chemistry research, is

still in Washington in connection with the work of Gas Defense. Professor Larson has received a commission as Lieutenant in the United States Army.

Mr. George N. Levis was called into the army in May and is in training in one of the cantonments.

Mr. Rupert H. Rasmussen is now in Company 29, Camp Greenleaf, Chickamauga Park, Georgia. He expects to be assigned to the work of the Signal Corps.

The rest of the faculty, except for brief vacation trips, have remained in Northfield. Many have given their energies to the cultivation of war gardens, and a few have assisted, because of the great demand for labor, in harvesting the grain on the nearby farms.

CHANGES IN FACULTY

The following members of the faculty of last year will not resume their duties in Carleton this year.

Miss Julia M. Hawkes, Instructor in Mathematics and research assistant in Astronomy, will go to the University of Michigan to continue graduate study leading to the degree of Doctor of Philosophy.

Mr. Arthur D. Keator, Assistant Professor of Library Science and Associate Librarian, will begin similar work at the University of North Dakota.

Miss Jennie B. Lasby, Instructor in Mathematics and research assistant in Astronomy, will remain at her home in Santa Ana, California.

Dr. Elbert M. Stevens, Assistant Professor of Education, has been elected Professor of Philosophy in charge of the department in the University of South Dakota.

Dr. Herman J. Thorstenberg has resigned to accept the position of Professor of History and Economics in Ottawa University, Ottawa, Kansas.

Dr. Otis J. Todd, Assistant Professor of Classics, will go to the University of British Columbia to become Assistant Professor of Classics in that institution.

Mr. Carl Paige Wood, College Organist and Assistant Professor of Theory and Appreciation for the past two years, will assume the same position in the University of Washington, Seattle, at the opening of the college year.

New members will be added to the faculty as follows:

Miss Edith Denise will come to Carleton from Lake Forest College. Miss Denise has received the degree of Master of Arts from the University of Chicago. In the absence of Miss Benton, she will be the Acting Dean of Women, and will also be Assistant Professor of French.

Miss Margaret Whitney Dow comes to the Conservatory of Music as instructor in Piano. Miss Dow was graduated from Carleton College in 1913 and from the Carleton Conservatory of Music in June, 1918.

Mr. Edmund Sereno Ender, Concert Organist, will begin his work as College Organist and Professor of Organ and Theory. Mr. Ender was graduated from the Music Department of Yale University in the class of 1903, and after one year of post-graduate study, attended the Institute of Musical Art of New York City. Later he spent a year abroad where he studied with several eminent masters and appeared many times in concert and recital.

From 1910 to 1912 he was Professor of Music at the State College of South Dakota and for the past six years has been a resident of Minneapolis, where he has been engaged as Organist and Choirmaster of one of the most prominent churches in that city and has been associated with various other musical organizations.

Mr. Edgar S. Furniss was graduated from Coe College, Cedar Rapids, Iowa, in 1911, with *cum laude* honors. In the fall of 1911 he went to Beirut, Syria, where he remained for three years on the teaching staff of the School of Commerce in the Syrian Protestant College, teaching Accounting, Money and Banking, Insurance and Corporation Finance.

In the fall of 1914 he entered the Graduate School of Yale University for advanced work in Economics; was Assistant in Economics during the first year there; was made Instructor in the fall of 1915 and remained on the faculty

in that capacity until his resignation in the spring of 1918 to accept a position in Carleton College. During the time spent in Yale University, Dr. Furniss finished his resident graduate work, taking the degree of Doctor of Philosophy in the spring of 1916. He will begin his work in Carleton at the opening of the college year as professor of Economics and Political Science.

He will begin his work in Carleton as Professor of Economics and Political Science at the opening of the college year.

Dr. O. Hovda comes to Carleton as Assistant Professor of Physics from Morningside College, where for three years he has had charge of the Department of Physics. He has also had teaching experience at the University of Minnesota and at the University of Iowa, College of Applied Science. Dr. Hovda received the degree of M. A. in Physics at the University of Minnesota in 1909, and the degree of Ph. D. in Physics at Göttingen, Germany, in 1913. He will teach part of the work in General Physics, the course in Analytical Mechanics, and the new courses in Mechanics of Flight, Mechanical Drawing, and Descriptive Geometry.

Dr. Harry Kurz is a graduate of the College of the City of New York. Later he took up post-graduate study at Columbia University and secured the degree of Doctor of Philosophy there in 1915. Since then he has been teaching in the Department of Romance Languages in the College of the City of New York. Dr. Kurz will begin work as Assistant Professor of Romance Languages in Carleton at the beginning of the college year.

Miss Helen O. Mahin, who comes as Assistant Professor in Rhetoric and Journalism, is a graduate of DePauw University. Later Miss Mahin carried on post-graduate study in Journalism at the University of Michigan and secured the degree of Master of Arts from that institution. Miss Mahin has taught in DePauw University, in Colorado State College, and in Goucher College. In Carleton Miss Mahin will conduct three sections in Freshman English and the courses in News Writing and Editorial Writing and have charge of the college publicity work.

Miss Luella F. Norwood secured the degree of Bachelor of Arts from Carleton in June, 1914. She returned to Carleton the following year as a graduate student in English and was granted the degree of Master of Arts in June, 1915. Since then Miss Norwood has been teaching English in the Central High School, Duluth. Miss Norwood will begin her teaching in Carleton as instructor in English and will have charge of three sections of Freshman English, the course in Sophomore Composition, and one section of the Sophomore course in English Literature.

At the date of issue of this bulletin there is still a vacancy in the department of Mathematics. This will be filled before the opening of the college year.

Miss Frances Allen Foster has been promoted from the rank of instructor in English to that of Assistant Professor of English.

MILITARY TRAINING **Students' Army Training Corps**

At a conference of the college presidents called by the Committee on Education and Special Training, authorized by the War Department, at Fort Sheridan, Illinois, on Aug. 30 and 31, definite and official information was given concerning the work of military training in colleges for the coming year. Because of the lowering of the draft age limit it became necessary to make almost a complete revision of the original plan concerning the Students' Army Training Corps (S. A. T. C.). The following paragraphs taken from the official communication of the War Department dated August 28, 1918, will serve to place the plan for the coming year clearly before college students, and those contemplating college work.

"All young men who were planning to go to school this fall should carry out their plans and do so. Each should go to the college of his choice, matriculate, and enter as a regular student. He will, of course, also register with his local board on the registration day set by the President. As soon as possible after registration day, probably on or about October first, opportunity will be given for all the regularly

enrolled students to be inducted into the Students' Army Training Corps at the schools where they are in attendance. Thus the corps will be organized under voluntary induction under the Selective Service Act, instead of by enlistment as previously contemplated.

"The student, by voluntary induction, becomes a soldier in the United States Army, uniformed, subject to military discipline, and with the pay of a private. He will simultaneously be placed on full active duty, and contracts will be made as soon as possible with the colleges for the housing, subsistence, and instruction of the student-soldiers.

"Officers, uniforms, rifles, and such other equipment as may be available will be furnished by the War Department, as previously announced.

"The student-soldiers will be given military instruction under officers of the Army and will be kept under observation and test to determine their qualifications as officer-candidates and technical experts, such as engineers, chemists, and doctors. After a certain period, the men will be selected according to their performance, and assigned to military duty in one of the following ways:

(a) He may be transferred to a central officers' training camp.

(b) He may be transferred to a non-commissioned officers' training school.

(c) He may be assigned to the school where he is enrolled for further intensive work in a specified line for a limited specified time.

(d) He may be assigned to the vocational training section of the Corps for technician training of military value.

(e) He may be transferred to a cantonment for duty with troops as a private.

"Similar sorting and reassignment of the men will be made at periodical intervals, as the requirements of the service demand. It cannot now be definitely stated how long a particular student will remain at college. This will depend on the requirements of the mobilization. In order to keep the unit at adequate strength, men will be admitted from

secondary schools or transferred from Depot Brigades as the need may require.

“Students will ordinarily not be permitted to remain on duty in the college units after the majority of their fellow citizens of like age have been called to military service at camp. Exception to this rule will be made, as the needs of the service require it, in the case of technical and scientific students, who will be assigned for longer periods for intensive study in specialized fields.

“In view of the comparatively short time during which most of the student-soldiers will remain in college and the exacting military duties awaiting them, academic instruction must necessarily be modified along lines of direct military value. The War Department will prescribe or suggest such modifications. The schedule of purely military instruction will not preclude effective academic work. It will vary to some extent in accordance with the type of academic instruction, e. g., will be less in a medical school than in a college of liberal arts.

“The primary purpose of the Students’ Army Training Corps is to utilize the executive and teaching personnel and the physical equipment of the colleges to assist in the training of our new armies. This imposes great responsibilities on the colleges and at the same time creates an exceptional opportunity for service. The colleges are asked to devote the whole energy and educational power of the institution to the phases and lines of training desired by the Government. The problem is a new one and calls for inventiveness and adaptability as well as that spirit of co-operation which the colleges have already so abundantly shown.”

Students who are qualified to enter college but who are not eighteen years of age and consequently not yet subject to draft, may enter college and, if they desire to do so, *enroll* in the S. A. T. C. They would thus secure the full benefit of military instruction. They would, however, not be subject to call and would not receive pay or any monetary returns from the Government, until they become of draft age and are inducted into the Army.

All students who are planning to enter Carleton and who have not yet sent their high school credits should communicate at the earliest moment with the Registrar, so that provision may be made for them.

NEW COURSES

The Committee on Education and Special Training is preparing a list of studies which will be called "Allied Subjects" and will include the subjects in which the members of the S. A. T. C. are expected to receive instruction. Many of the subjects are already included in the customary collegiate curriculum. One new course is required of all men in the S. A. T. C. It is called the *War Aims Course*. It will be divided into three parts each of which will extend over a period of three months. It will recite three times a week and will be given three hours credit each semester. In addition to the courses prescribed for the S. A. T. C. it is at present planned to offer the following new courses having close relation to preparation for war service.

Department of Physics

101-102. MECHANICAL DRAWING— $1\frac{1}{2}$ hours credit.

103-104. DESCRIPTIVE GEOMETRY— $1\frac{1}{2}$ hours credit.

It is advisable to take these as parallel courses for a joint credit of three hours. The content of these courses will be similar and equivalent to that commonly included in Freshman courses in colleges of engineering. Students interested should consult Dr. Hovda. Open to Freshmen.

318. MECHANICS OF FLIGHT.—This course is planned primarily for men who expect to enter the Aviation branch of the service. It will prove of value to any student interested in mechanics. Lectures, recitations, and demonstrations by means of models constructed in the laboratory. Prerequisite, general physics.

Second Semester, 3 hours credit.

Department of Chemistry

105-106. The Department of Chemistry offers a course in Dietetics and Food Conservation. The course is aimed to

meet as far as possible the requirements of the Red Cross in Dietetics and of the United States Food Administration for food conservation. Open to women of all classes. No prerequisites. One hour credit. First and second semesters.

Foreign Language

Courses in French and German with special attention to the needs of those who may be directly connected with military service requiring the use of these languages will be offered.

Department of Biology

A course in First Aid is being planned. This will be included in the course of Physiology, which is required of all Freshmen. Separate work along this line will be made available for others. The course of instruction will be made to conform to the requirements for recognition by the Red Cross Society.

A course in Military Hygiene may be offered to the men of the S. A. T. C. as an alternate requirement for Physiology.

Surgical Dressings

As during last year, the making of Surgical Dressings will be continued under the direction of the Red Cross Society.

Two additional courses in the Department of Physics will be offered for the first time this year. These are:

105-106. **HOUSEHOLD PHYSICS**.—Course for women.— Although the problems and illustrations are often taken from the home, this course is not restricted to physics of the household. It is a study of principles with the emphasis on their application in daily life. Demonstration lectures and recitations. Open to Freshmen. Prerequisite, high school physics.

First and second semesters, 3 hours credit.

320. **ELECTRON THEORY**.—A study of recent work in the fields of radio-activity, X-rays, and discharge of electricity through gases, leading up to present theories of the structure of the atom.

Seniors, second semester, 3 hours credit.

SCHEDULE

Because of the necessity of conforming as to courses and schedule with the requirements of the S. A. T. C., it is impossible at this time to publish the schedule of recitations. This will be arranged in ample time for registration.

RECITAL AND CONCERT COURSE

As in former years a series of recitals and concerts will be conducted. Following is the list which has been arranged:

Friday, Oct. 11, 1918—Edmund S. Ender, Organ Recital.

Nov. 15, (Friday)—Arthur Hartman, Violin.

Dec. 6, (Friday)—Augusta Lenska, Soprano.

Dec. 10, (Tuesday)—Charles M. Courboin, Organ Recital.

Jan. 17, 1919, (Friday)—Edna Gunnar Peterson, Piano.

Feb. 7, 1919, (Friday)—Zoellner Quartet and Harold Henry, Tenor.

March 7, 1919, (Friday)—Ernest Davis, Tenor.

DORMITORIES

All women students in the College and in the Conservatory, except those living at home, unless individually excused, are required to live in the college dormitories. In case the number of students exceeds the rooming capacity of the dormitories, the option of rooming in the dormitory or in private homes will be extended in order of class seniority.

The conditions in the men's dormitory will be determined by the necessities of the work of the S. A. T. C. It is very probable that the entire dormitory will be operated for the coming year as army barracks. This is in keeping with the requirements of the War Department that the conditions of army barracks be established as nearly as possible for the S. A. T. C. The Government will furnish necessary cots, blankets and bed sacks or mattresses as far as practicable.

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1919/20

VOL. XVI

NO. 1

Carleton College

BULLETIN

ANNOUNCEMENT NUMBER

September, 1919



THE LIBRARY OF THE
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Administrative Officers—1919-20

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DONALD JOHN COWLING, Ph. D. (Yale), D. D. (Baker), LL.D (Knox).

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EDWARD STRONG

Dean.

MARIE ACKERMAN.

Secretary to the Dean.

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Superintendent of Gridley Hall.

EDITH MAY SHOWERS.

Superintendent of Men's Dormitory.

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Resident Head of Gridley Hall.

HANS CHRISTIAN HANSEN DUUS, B. S. (Carleton).

Resident Head of Men's Dormitory.

EVA McMAHON (Graduate Nurse, Brooklyn Homeopathic Hospital).

Resident Nurse.

MARJORIE ELSIE SCOTT.

Assistant to Superintendent of Gridley Hall.

FREDERICK FRANKLIN SHOWERS, B. S. (University of Wisconsin).

Manager of the College Farm.

JACOB SITZE.

Superintendent of Buildings and Grounds.

HOLMES AND FLINN, 8 South Dearborn Street, Chicago.

Architects.

Faculty and Other Officers of Instruction 1919-20*

The College

- ✓ DONALD JOHN COWLING, PH. D. (Yale), D. D. (Baker), LL.D (Knox).
President on the Martha Walker Wilkinson Foundation, and Professor of Philosophy.
- ✓ HERBERT COUPER WILSON, PH. D. (University of Cincinnati).
Professor of Mathematics and Astronomy, and Director of the Observatory.
- ✓ ISABELLA WATSON, B. L. (Carleton).
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Professor of Chemistry.
- ✓ AXEL EBENEZER VESTLING, PH. D. (Yale).
Professor of German, and Dean of Senior and Freshman Men.
- ✓ CURVIN HENRY GINGRICH, PH. D. (University of Chicago).
Professor of Mathematics and Astronomy, Registrar, and Assistant to the President.

*Three grades of faculty ranking are recognized: professor, assistant professor, and instructor. In cases where there is more than one professor in a department, a department chairman for administrative purposes is appointed each year by the President.

Professors are arranged in order of appointment; all others alphabetically.

✓ WALTER MELVILLE PATTON, PH. D. (University of Heidelberg), D. D. (Baker).
Professor of Biblical Literature and History of Religion, and Director of the Library.

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Professor of Biology.

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Professor of Public Speaking.

JAMES PYPER BIRD, PH. D. (University of Michigan).
Professor of Romance Languages, and Dean of Junior Men.

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Professor of English.

JOHN WESLEY HORNBECK, PH. D. (University of Illinois).
Professor of Physics.

AMBROSE WHITE VERNON, A. M. (Yale), B. D. (Union Theological Seminary), D. D. (Dartmouth).
Professor of Biography.

OSCAR C. HELMING, B. A. (Butler), B. D. (Union Theological Seminary).

Professor of Economics.

ALLAN HOBEN, PH. D. (University of Chicago).

Professor of Sociology.

GEORGE W. HUNTER, PH. D. (New York University).

Professor of Biology.

THOMAS HENRY BILLINGS, PH. D. (University of Chicago).

Professor of Classics.

HOWARD PIERCE BUCK, B. S. (University of Wisconsin).

Assistant Professor of Physical Education for Men, and Director of Athletics.

ROBERT CALDERWOOD, B. A. (Miami).

Assistant Professor of Public Speaking.

JAMES EWING, M. A., D. Sc. (University of Aberdeen).

Assistant Professor of Biology.

FRANCES ALLEN FOSTER, PH. D. (Bryn Mawr).

Assistant Professor of English.

JOSEPH W. HAKE, M. A. (Northwestern).

Assistant Professor of Physics.

EARL R. JACKSON, B. A. (Lawrence).

Assistant Professor of Physical Education for Men, and Director of the Gymnasium.

HARRY KURZ, PH. D. (Columbia).

Assistant Professor of Romance Languages.

HELEN O. MAHIN,* M. A. (University of Michigan).

Assistant Professor of Rhetoric and Journalism.

FREDERICK FRANKLIN SHOWERS, B. S. (University of Wisconsin).

Assistant Professor of Agriculture, and Manager of the College Farm.

*Absent on leave.

MARION B. WHITE, Ph. D. (University of Chicago).
Assistant Professor of Mathematics.

GERTRUDE COFFEEN, B. A. (Mills College).
Instructor in Physical Education for Women.

EVELYN GARDNER, B. A. (Beloit).
Instructor in English.

LUELLA FREDERICA NORWOOD, M. A. (Carleton).
Instructor in English.

LUMETTA GLADYS SWANSON, B. A. (Carleton).
Instructor in Physical Education for Women.

*

Instructor in Mathematics.

*

Instructor in History and Political Science.

The Conservatory

EDWARD STRONG.
Professor of Voice, and Dean.

FREDERICK LOCKE LAWRENCE, Mus. B. (Northwestern).
Professor of Piano and Composition.

EDMUND SERENO ENDER, Mus. B. (Yale).
Professor of Organ and Theory, and College Organist.

MARGARET WHITNEY DOW, B. A., Mus. B. (Carleton).
Instructor in Piano.

ALMEDA FRANCES MANN.
Instructor in Piano and Violin.

HARRIET JOHNSON.†
Instructor in Public School Music.

*To be appointed.

†Part time.

Announcements

Date of Opening

Monday and Tuesday, September 15 and 16, will be used for registration. Classes will meet for the first time on Wednesday morning, according to schedule on page 9.

Information

An information bureau will be maintained at the office of the Registrar, Room 209 in the Music Hall (telephone 348), during the opening days.

Registration

Registration hours will be from 2 to 5 p. m., Monday, and from 9 a. m. to 12 m. and 2 to 5 p. m., Tuesday. Senior and Junior men will register in the offices of their respective deans. Senior and Junior women will register in the office of the Registrar. Sophomore men and women will register in Room W. Freshmen, both men and women, will register in the Library. Registration for studies in the Conservatory of Music, both for private instruction and class work, will be made in the office of the Dean, Room 110 in Music Hall. After making selection of studies the student will go at once to the office of the treasurer to complete the registration. A fee of \$2.00 will be charged for registration after the close of the days specified.

Office Hours of the President

The president will be in his office in Laird Hall for consultation with students on Monday from 3 to 4 p. m., on Tuesday from 10 a. m. to 12 m. and from 3 to 5 p. m.

Certificates and Examinations

Certificates for admission to the Freshman class and applications, with credits, for advanced standing should be in the hands of the Registrar not later than Thursday, September 11.

Examinations for admission and for advanced standing will be held on Monday, September 15.

Examinations for making up deficiencies will be held on Monday, September 22. Arrangements for examinations must be made in the office of the Registrar before the dates indicated.

Opening Exercises

A schedule of ten minute periods with five minute intervals will be followed on Wednesday morning, beginning at eight o'clock. This is planned to enable students to find the recitation rooms, to meet the instructors and to receive assignments of lessons. Class lists will be formed at this time. The schedule for Wednesday morning follows:

Period 1—8:00 to 8:10	Period 7—9:30 to 9:40
2—8:15 to 8:25	8—9:45 to 9:55
3—8:30 to 8:40	9—10:00 to 10:10
4—8:45 to 8:55	10—10:15 to 10:25
5—9:00 to 9:10	11—10:30 to 10:40
6—9:15 to 9:25	12—10:45 to 10:55

The opening chapel exercises will be held in the Skinner Memorial Chapel at 11:00 a. m., Wednesday.

The regular class schedule will be begun on Wednesday afternoon at 1:30.

Changes in Faculty

The following members of the faculty of last year will not resume their duties in Carleton this year:

Dr. Edgar S. Furniss, Professor of Economics and Political Science, has returned to Yale University as Assistant Professor of Economics.

Miss Edith Denise, Assistant Professor of French and Acting Dean of Women during the absence of Miss Benton, is planning to continue her study of French at the University of Chicago and will probably not be teaching during the coming year.

Miss Hester P. Carter, Assistant Professor of Physical Education for Women, left at the middle of last year and spent the rest of the year at her home in Pasadena, Calif. Miss Carter sailed August 23 for Shanghai, China, where she will engage in teaching Physical Education in a normal school for Chinese girls.

Dr. Olav Hovda, Assistant Professor of Physics, resigned his position in Carleton to accept the position of Professor of Mathematics and Physics in Evansville College, Evansville, Indiana.

Dr. Alfred T. Larson, Assistant Professor of Chemistry, will continue the research work he has been engaged in during the past year and a half in the Government Laboratories in Washington.

Miss Helen O. Mahin, Assistant Professor of Rhetoric and Journalism, has been granted a furlough for one year to complete her work for the degree of Doctor of Philosophy at the University of Michigan.

Dr. Nuba M. Pletcher, Assistant Professor of Economics and History, who has been giving part time in Carleton dur-

ing the last few years, will not offer any courses this year. He will give all his time to the work in the Shattuck Military Academy, Faribault, Minnesota.

Dr. Wyman R. Green, Instructor in Biology, has resigned to accept a position in the Department of Biology at Northwestern University.

Miss Florence B. Hubbard, Instructor in Public Speaking, will not be teaching during the coming year. She will probably spend the year with her mother in California.

Miss Jessie E. Richardson, Instructor in Chemistry, will spend the coming year in study in the Department of Domestic Science and Home Economics at the University of Minnesota.

Miss Mabel L. Ruehe of the Conservatory faculty will not return this year. Her plans for the coming year have not yet been decided.

Mr. George W. Levis of the Department of Physical Education will have charge of the Physical Education work in the public schools of Madison next year.

Mr. Donat C. Kazarinoff, Instructor in Mathematics during the past year, has accepted a position in the Department of Mathematics at the University of Michigan for next year.

NEW MEMBERS WILL BE ADDED TO THE FACULTY AS FOLLOWS:

In addition to a number of new members of the faculty at the opening of the college this year, three members of the faculty, who were absent from college engaged in war work for a year or more, will resume active connection with the college.

Miss Mary L. Benton, Dean of Women, will reach Northfield about September 1. Miss Benton spent fifteen months in Europe, chiefly in connection with educational matters

related to the war. Most of this time was spent in France, although an excursion was made into Lithuania under very severe conditions. Miss Benton will again assume the duties of the Dean of Women and will teach two classes in French.

Professor I. M. Cochran recently returned to Northfield after having spent the greater part of the last academic year in Y. M. C. A. work in France. Reports have come of very useful and effective work by Professor Cochran among the American soldiers, especially during the period of waiting between the signing of the armistice and the time of embarkation for home. Professor Cochran, as before, will be in charge of the Department of Public Speaking and the Forensic work of the college.

Dr. James Ewing, who enlisted with the Canadian forces, and was instructor in the training camps in England until the end of the war, will return to continue his teaching in the Department of Biology.

Dr. Ambrose W. Vernon is a graduate of Princeton, and of Union Theological Seminary, and has spent two years in study in European universities. He comes to Carleton from Brookline, Massachusetts, where he has been pastor of the Harvard Church since 1909. He has been Professor of Biblical Literature in Dartmouth, and Professor of Practical Theology in the Yale School of Religion. Dr. Vernon will inaugurate the Department of Biography. During the first semester of this year, Professor Vernon will offer two courses, "Great Personalities of Antiquity" and "The Personality of Jesus." These will be followed in the second semester by "Great Personalities of the Middle Ages," "Christian Letters of the First Centuries," "Autobiographical Elements in English Poetry."

Professor Oscar C. Helming is a graduate of Butler College, and has done postgraduate work at Columbia and at Union Theological Seminary, and later also in European

universities. During recent years, he has been pastor of the University Congregational Church, Chicago, and has been in close touch with the University of Chicago. His positions as chairman of the Religious Education Commission of the Congregational denomination, and especially as chairman of the Chicago Labor Commission, and member of the Industrial Board of Chicago, and of the Board of Managers of the Bureau for Returning Soldiers and Sailors, have brought him into intimate contact with present day social and economic conditions. This experience will be an excellent background for his teaching. In addition to the usual courses in elementary economics he will give advanced courses on Labor Problems and Trade Unions and on Socialism in its recent developments with special regard to the present unrest and the significant efforts to obtain a larger share for the workers in the control of industry.

Dr. Allan Hoben, who has been teaching in the Department of Sociology and in the Divinity School of the University of Chicago, will come to Carleton this year as Professor of Sociology. Dr. Hoben has made extensive studies in the field of juvenile delinquency and vocational guidance, and in the relation of the social sciences to the community life and good citizenship. This point of view will be emphasized in his courses. During the first semester, Dr. Hoben will offer courses in Introduction to Sociology, Rural Communities, and Educational Sociology, to be followed by Social Psychology, Vocational Survey, Church and Society, and Social Politics, in the second.

Professor George W. Hunter is a graduate of Williams College, has had a fellowship in Zoology in the University of Chicago, and has done postgraduate work in Pedagogy in the New York University. He has been head of the Department of Biology in the De Witt Clinton High School of New York City since 1906, and has been assistant in the

Marine Biological Laboratory at Woods Hole during the summers from 1900 to 1910. During the war, Professor Hunter was engaged as District Educational Director of the Y. M. C. A. of the Washington District. Mr. Hunter will be Professor of Biology and will teach two sections of Freshman Physiology, the course in General Zoology, and a new course in Social Hygiene for the first semester to be followed by the Teachers' Course in the second. He is planning also to offer a Teachers' Course in General Science in the second semester.

Dr. Thomas H. Billings, Professor of Classics, is a graduate of Queen's University, Kingston, Ontario. During his course at Queen's, he was the Chancellor scholar in Mathematics, was awarded the Governor-General's scholarship in Classics, and the Prince of Wales prize in Greek Prose. Later, Professor Billings received the degree of Doctor of Philosophy, *magna cum laude*, in Greek at the University of Chicago. He has taught in Queen's University, in McGill University, in the University of Manitoba, in summer sessions at the University of Chicago, and comes to Carleton from the University of Chattanooga, where he had the position of Professor of Classical Literature, and Dean. His courses for the coming year will be first year Greek, second year Greek, Greek History, and Greek Philosophy.

Mr. Earl R. Jackson will come to Carleton as Assistant Professor of Physical Education for men, and Director of the Gymnasium at the opening of the college. Mr. Jackson is a graduate of Lawrence College and has also made special study of playground work and athletics in the University of Wisconsin. During the past eight years he has been in charge of athletics at the North High School of Minneapolis.

Mr. Joseph W. Hake has been appointed as Assistant Professor of Physics to fill the vacancy caused by the resignation of Dr. Hovda, and will begin his work at the opening of the college year. Professor Hake received his Bachelor's degree from the University of Illinois, and his Master's degree, from Northwestern University. He has also done postgraduate work at the University of Wisconsin, the University of Chicago, and the University of Illinois. Professor Hake will have charge of the usual courses in Physics and will offer one new course, Physical Theory of Music. He is leaving a position in the State Normal School at LaCrosse, Wisconsin.

Mr. Robert Calderwood, a graduate of Miami University, will come as Assistant Professor of Public Speaking. He has been teaching Public Speaking in Miami. Mr. Calderwood will teach four sections of the first course in Public Speaking, one section in Extemporaneous Public Speaking, and the course in Story Telling.

Miss Evelyn Gardner, a graduate of Beloit College, will take up work as Instructor in English. As the schedule is now arranged, Miss Gardner will teach three sections of Freshman Rhetoric.

Mr. Hans C. Duus, of the class of 1918, has been appointed Instructor in Chemistry. Mr. Duus will also be Resident Head of the Men's Dormitory.

Miss Alma M. Penrose will begin her work as Associate Librarian on September 1. Miss Penrose is a graduate of Oberlin College, and of the University of Illinois Library School. During the last four years, Miss Penrose has been Librarian at the West High School of Minneapolis.

Miss Harriet Johnson will be in charge of the work of the Supervisor's Course in Public School Music in the Conservatory. Miss Johnson will also have the supervision of Music in the Northfield Public Schools. This will make

possible a practical application of the Conservatory courses. Miss Johnson is a graduate of the Oshkosh State Normal School, and of the Crane Normal Institute of Music, of Potsdam, N. Y., and has taught for the past five years in the Mankato Normal.

Miss Gertrude Coffeen has accepted the position of Assistant in the Department of Physical Education for Women. She is a graduate of Mills College, and holds a State Certificate in Physical Education.

Mr. William A. Johns, Director College Promotion Work, began his work July 1. He is now engaged in a vigorous advertising campaign, which is already showing results in numerous inquiries from prospective students and in a large enrollment for the Freshman class. Mr. Johns came from the position of Dean of the College of Agriculture of Notre Dame University.

New Courses

Two new departments (Biography and Italian) and a number of new courses in other departments have been added. Following is a list of the new courses with a brief description of each.

Department of Biography

303. GREAT PERSONALITIES OF ANTIQUITY.—This is the first of a series of three-hour courses on the great men and women of history. It will be followed in the next semester by a course on the great personalities of the Middle Ages and later by courses on the leading men of modern times. The men considered in this course will be chosen from the following list: David, Confucius, Aeschylus, Jeremiah, Socrates, Plato, Buddha, Alexander, Caesar, Augustus Caesar, Jesus, Paul, Marcus Aurelius. The ultimate object of the course is an inquiry into the grounds of human greatness. Instruction will be given through assigned readings, class discussion, and lectures.

301. THE PERSONALITY OF JESUS.—The object of this course is to do in some detail for the greatest personality in history what the courses on Great Personalities do for all outstanding characters. After careful examination and valuation of the sources, it is hoped to present the figure of Jesus in relation to his time, to cover the method and general content of his teaching, and to inquire into the sources of his power.

Department of Biology

303. SOCIAL HYGIENE.—This course will discuss socio-logical conditions with which modern biological and medical science are interwoven. It includes a study of the part played by environmental factors in health and disease; in-

dustrial and occupational hygiene; communal hygiene; the relation of communal, state, and governmental agencies to human welfare; the war and social disease; sex hygiene, individual and communal; the need for individual action and co-operation with governmental agencies; how the college man and woman may help. Prerequisite, Biology 105-6.

First Semester.—1 hour.

Department of Education

101. HOW TO STUDY.—In this course, primarily for Freshmen, an attempt will be made to show some applications of psychological principles which offer practical suggestions relative to fruitful and economical methods of study.

First Semester.—1 hour.

Department of English

305. BUSINESS CORRESPONDENCE.—Instruction and practice in writing various kinds of business letters, notices, advertisements, etc.

First Semester.—2 hours.

Department of Geology

The work of the Department of Geology, which was not given during the war because of the absence of Dr. Ewing, will be offered again this year.

Department of History

309-310. GREEK HISTORY.—Bury's *History of Greece* (MacMillan) will be used as a text and will be supplemented by lectures and discussions and by readings in other authorities and in translations of the original sources throughout the year.

Department of Mathematics

105-106. UNIFIED MATHEMATICS.—This course for Freshmen who present at least two and one-half units for

entrance, to be offered for the first time this year, is fully described on page 89 of the March Bulletin.

205. SPHERICAL TRIGONOMETRY.—This will be given as one hour credit in the first semester to supplement the course in Trigonometry given in the Freshman year.

Department of Philosophy

315. GREEK PHILOSOPHY.—Plato. The *Republic* will be studied in translation, and such other dialogues will be read as will give the student an opportunity to become acquainted with Plato's solution of the chief problems of philosophy. A knowledge of Greek is not required.

First Semester.—3 hours.

316. GREEK PHILOSOPHY.—Aristotle. The same method will be followed in this course as in the course on Plato. The *Ethics* will be used as a text and will be supplemented by reading in other works. A knowledge of Greek is not required.

Second Semester.—3 hours.

Department of Physics

219. PHYSICAL THEORY OF MUSIC.—This course is fully described on page 97 of the March Bulletin.

Department of Romance Languages

A first year course in the Study of the Italian language will be given for the first time this year. (See March Bulletin, page 102.)

Department of Scandinavian Languages

For a statement of the work of this department see page 103 of the March Bulletin.

Department of Sociology

201. INTRODUCTION TO SOCIOLOGY.—An attempt to define the field and task of sociology in relation to the allied sciences upon which it rests and in relation to the social phenomena with which it deals.

202. SOCIAL PSYCHOLOGY.—A study of instincts, social stimulation and response, factors and methods of social control in their bearing upon human behavior.

203. RURAL COMMUNITIES.—A study of the social organization, problems and programs of country life.

204. VOCATIONAL SURVEY.—In this course a canvass is made of the literature of vocational guidance in order to aid the student in self-analysis and to furnish an adequate appreciation of numerous trades and professions. In the light of individual diagnosis and of the accumulated data relative to vocations each member of the class, so desiring, is granted a private interview at the close of the course.

301. JUVENILE DELINQUENCY AND MORAL EDUCATION.—Upon the basis of a study of the proportions, character, distribution and causes of juvenile delinquency an effort is made to formulate educational methods of correction and prevention. (Not offered in 1919-20.)

302. CHURCH AND SOCIETY.—A study of the place and function of the church in social process together with consideration of its problems of organization and of co-operation with other social agencies.

303. EDUCATIONAL SOCIOLOGY.—Consideration is given to the modern accessories to formal education. The play movement, parent-teachers' associations, clubs, Boy Scouts, Camp-Fire Girls, etc., and the underlying psychology of adolescent groups will be studied.

304. SOCIAL POLITICS.—A study of citizenship in the light of political organization, local, state and national; with the purpose of defining civic duty and the methods by which social demand becomes operative as legal enactment.

Carleton Concert Course 1919-20

Friday, Oct. 3, 1919—Frances Ingram, Contralto.

Friday, Oct. 31, 1919—Louis Kreidler, Baritone.

Friday, Nov. 21, 1919—Edna Gunnar Peterson, Pianist.

Friday, Dec. 12, 1919—Ernest Davis, Tenor.

Friday, Jan. 30, 1920—Zoellner Quartette.

Friday, Feb. 20, 1920—Heniot Levy, Pianist.

Friday, Mar. 12, 1920—Isador Berger, Violinist.

Friday, Apr. 9, 1920—Katharine Goodson, Pianist.

Notes

Tuition Paid By State

At the recent session of the State Legislature an act was passed whereby the state becomes responsible for an amount not to exceed \$200 for each person, to be used for the payment of tuition by any citizen of Minnesota who served in the recent war, and who wishes to begin or continue college work. Application for the benefit of this fund may be made through the college treasurer at the time of registration.

Prospective Attendance

On September 1 the number who have definitely applied for admission to the Freshman Class is 256. This will be the largest Freshman Class that has ever entered Carleton. Only a relatively few former students have transferred their

credits to other institutions which is an indication that students will return in larger numbers than before. Also a number of former students whose work was interrupted by the war will return to resume their collegiate studies.

Opening of Dormitories

Rooms in all dormitories will not be ready for occupancy before Monday, September 15, at 9 a. m. The first meals will be served at noon on Monday.

A New Dormitory for Women

In order to meet the demand for rooms in the dormitories for the coming year, the college recently purchased from Mr. Mabon his large residence at the corner of Third Street and Maple Avenue. This house will accommodate thirty-three students and will be used as an additional dormitory for Freshman women. Rooms in private homes near the campus will be used for those who are unable to secure rooms in the dormitories. All women students will secure meals in the Gridley Hall dining room.

Rooms for Men

All rooms in the Men's Dormitory have been assigned for the coming year. At present there are twenty men on the waiting list for rooms. A survey of the part of Northfield near the campus has been made and a list of rooms available for those who are unable to secure dormitory rooms will be at hand at the time of registration. The dining room in the Men's Dormitory is ample for serving meals to all the men.

Directory of Offices

President	Laird Hall, Tel. No. 111
Treasurer	Laird Hall, Tel. No. 111
Registrar	Room 209, Music Hall, Tel. No. 348
Dean of Women . . .	Women's New Dormitory, Tel. No. 368
Dean of Senior Men . .	Willis Hall Chapel, Tel. No. 289
Dean of Junior Men . .	Willis Hall Chapel, Tel. No. 289
Dean of Sophomore Men . .	Willis Hall Chapel, Tel. No. 289
Dean of Freshman Men . .	Willis Hall Chapel, Tel. No. 289
Dean of the Conservatory	Room 110, Music Hall, Tel. No. 415
Director of Bureau of Appointments, Room 211,	Music Hall, Tel. No. 348
Director of the Library	Scoville Memorial Library
Director Carleton Promotion Work	Sayles-Hill Gymnasium, Tel. No. 378

Housing Committee

A committee will be in session during registration days to assist students in finding rooms. For the women the committee will consist of Miss Lumetta Swanson and Miss Luella Norwood, who will be found in the office in Gridley Hall. For the men the committee will consist of Professor Keith, Professor Hornbeck, and Mr. Duus, who will be found in the lobby of the Men's Dormitory.

Order of Registration

1. On reaching Northfield, all students should go at once to the office of the Treasurer in Laird Hall and obtain a matriculation card. Former students who have already paid the fee will receive cards without further charge. New students will pay the matriculation fee of five dollars on receiving the card. These cards will entitle students to ad-

mission to the dining rooms, to secure keys for rooms in the dormitory to which they have been assigned, and to enroll for college work.

2. The student should then go to the proper registration officer (see page 8) and enroll for the courses he is qualified to enter.

3. He should then return to the office of the Treasurer to adjust the semester account.

Schedule

During the coming year, classes will be held on only five days of the week. The six day schedule of last year was found to be unsatisfactory, and consequently a return to the five day schedule will be made this year. As before, classes will be held on Saturday but not on Monday. The detailed schedule of recitations follows.

Schedule of Recitations, First Semester, 1919-1920

Classes are scheduled under periods and will meet on the days and at the hours indicated in the following table:

T	W	Th	F	S
8:00	1	1	2	1
9:00	3	2	3	3
10:30	5	4	5	4
11:30	7	6	6	9
1:30	9	7	9	7
2:30	10	8	10	8
3:30	11	12	11	11
				12

Chapel exercises are held on each class day at 10:00 a.m., in Skinner Memorial Chapel.

The heavy type numbers indicate the course numbers under the several department's and refer to the courses listed in the March Bulletin; the heavy type letters indicate the days in case the class meets less than three times a week; the Roman letters indicate the rooms.

Periods	1	2	3	4	5	6	7	8	9	10	11	12
Astronomy Mr. Wilson					301	S				303	T	
Biblical Literature			321	221 W F 105	102	203						
Mr. Patton				R S F	F	F						

Periods	1	2	3	4	5	6	7	8	9	10	11	12
French		101 Sec. 2 F										
Mr. Bird			305	101 Sec. 3 E	201 Sec. 2 E	301	101 Sec. 6 E					
Miss Watson												
Miss Benton												
Mr. Kurz	101 Sec. 1 F	201 Sec. 1 F	303	H		307	C					
Geology			201	Bi								
Mr. Ewing												
German	101	B	205	303	B							
Mr. Vestling												
Greek	101	H					201	H				
Mr. Billings												
History	305	201 Sec. 1 G		201 Sec. 3 G	311							
Mr. Robinson					I							
Mr. Billings							309	H				
			201 Sec. 2 G				301	203	G	G		

Public Speaking	201	M			203	Sec. 1	101	Sec. 5	301	M		
Mr. Cochran			101	101	101	Sec. 3	101	Sec. 4	203	Sec. 2	309	
			Sec. 1	Sec. 2	Sec. 1	W F	Sec. 3	T Th	M	M	T Th	M
Mr. Calderwood			W S	T Th	M	N	W F	N	N			
Sociology	303	N	201	N	203	N						
Mr. Hoben												
Spanish	301						201			101		
Mr. Bird				E				G		Sec. 2		
										D		
Mr. Kurz					101	Sec. 1	H					
Swedish									101	B		
Mr. Vestling												

§ Subject to change

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Vol. 17, No. 1

September, 1920

ANNOUNCEMENT NUMBER
For the College Year
1920-1921



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The College

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President on the Martha Walker Wilkinson Foundation.

FREDERICK JOY FAIRBANK, M. A. (Yale).

Treasurer.

DOROTHY PATTEE.

Secretary to the President.

OLIVE MAY HAWVER.

Secretary to the Treasurer.

CANVACE LOUISE MOSES.

Assistant in the Office of the Treasurer.

The Board of Deans

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Assistant to the President and Chairman of the Board of Deans.

MARY LATHROP BENTON, L. H. D. (Smith).

Dean of Women.

THOMAS HENRY BILLINGS, PH. D. (University of Chicago).

Dean of Freshman and Sophomore Men.

JAMES PYPER BIRD, PH. D. (University of Michigan).

Dean of Senior Men.

GEORGE BENJAMIN WOODS, PH. D. (Harvard).

Dean of Junior Men.

MARGARET KAULBARSCH.

Assistant in the Offices of the Deans of Men.

The Library

WALTER MELVILLE PATTON, PH. D. (University of Heidelberg), D. D. (Baker).

Director.

ALMA M. PENROSE, B. A. (Oberlin).

Associate Director.

ELEANOR JANE GLADSTONE,¹ B. A. (Carleton).

Reference Librarian.

RUSSELL EDWARDS, B. A. (University of Missouri).

Cataloger.

ESTHER JORGENSEN, B. A. (Carleton).

Assistant.

ALICE V. STEFFENS².

Assistant.

ELIZABETH C. TRUESDALE.

Assistant.

The Bureau of Appointments

LEAL AUBREY HEADLEY, PH. D. (Harvard).

Director.

The Conservatory

EDWARD STRONG.

Dean.

MARIE ACKERMAN.

Secretary to the Dean.

Officers in Charge of Dormitories, College Farm, Etc.

THERESA JANE SCOTT.

Superintendent of Gridley Hall.

EDITH MAY SHOWERS.

Superintendent of Men's Dormitory.

¹Absent on leave.

²Part time.

DORA M. JONES, B. S. (Carleton).

Resident Head of Gridley Hall.

ADELLA M. CATTON.

Resident Head of Mabon House.

ETTA BOZARTH, (St. Anne's Hospital, St. Louis).

Resident Nurse.

MARJORIE ELSIE SCOTT.

Assistant to Superintendent of Gridley Hall.

EDMUND A. ENDER.

Assistant in College Book Store.

FREDERICK FRANKLIN SHOWERS, B. S. (University of Wisconsin).

Manager of the College Farm.

D. BLAKE STEWART.

Superintendent of Grounds, Buildings, and Equipment.

HOLMES AND FLINN, 8 South Dearborn Street, Chicago.

Architects.

Faculty and Other Officers of Instruction 1920-21*

The College

DONALD JOHN COWLING, PH. D. (Yale), D. D. (Baker); LL. D. (Knox and Williams).

President on the Martha Walker Wilkinson Foundation and Professor of Philosophy.

HERBERT COUPER WILSON,¹ PH. D. (University of Cincinnati).

Professor of Mathematics and Astronomy and Director of the Observatory.

ISABELLA WATSON,¹ B. L. (Carleton).

Professor of French.

FRANZ FREDERICK EXNER, PH. D. (University of Pennsylvania).

Professor of Inorganic Chemistry.

AXEL EBENEZER VESTLING,¹ PH. D. (Yale).

Professor of German and Dean of Sophomore Men.

CURVIN HENRY GINGRICH, PH. D. (University of Chicago).

Professor of Mathematics and Astronomy.

WALTER MELVILLE PATTON, PH. D. (University of Heidelberg), D. D. (Baker).

Professor of Semitic Languages and the History of Religion and Director of the Library.

NEIL STANLEY DUNGAY, PH. D. (University of Chicago).

Professor of Biology.

*Three grades of faculty ranking are recognized: professor, assistant professor, and instructor. In cases where there is more than one professor in a department, a department chairman for administrative purposes is appointed each year by the President.

Professors are here listed in the order of their appointment; all others are listed alphabetically.

¹Absent on leave.

JOHN ELOF BOODIN,¹ PH. D. (Harvard).

Professor of Mental and Moral Philosophy on the John Chandler Williams Foundation.

ARTHUR LESLIE KEITH, PH. D. (University of Chicago).

Professor of Latin on the Horatio Nelson Brinsmade Foundation.

GEORGE BENJAMIN WOODS, PH. D. (Harvard).

Professor of English and Dean of Junior Men.

MARY LATHROP BENTON, L. H. D. (Smith).

Professor of French and Dean of Women.

ISAAC MERTON COCHRAN, M. A. (University of Michigan).

Professor of Public Speaking.

JAMES PYPER BIRD, PH. D. (University of Michigan).

Professor of Romance Languages and Dean of Senior Men.

HOWARD ROBINSON,¹ PH. D. (Columbia).

Professor of History.

LEAL AUBREY HEADLEY, PH. D. (Harvard).

Professor of Education and Psychology and Director of the Bureau of Appointments.

HENRY HOLLAND CARTER, PH. D. (Yale).

Professor of English.

JOHN WESLEY HORNBECK, PH. D. (University of Illinois).

Professor of Physics.

AMBROSE WHITE VERNON, M. A. (Yale), B. D. (Union Theological Seminary), D. D. (Dartmouth).

Professor of Biography.

OSCAR C. HELMING, B. A. (Butler), B. D. (Union Theological Seminary).

Professor of Economics.

¹Absent on leave.

ALLAN HOBEN, PH. D. (University of Chicago).

Professor of Sociology on the Fred B. Hill Foundation.

THOMAS HENRY BILLINGS, PH. D. (University of Chicago).

Professor of Classics and Dean of Freshman and Sophomore Men.

CLAUDE J. HUNT, B. A. (DePauw).

Professor of Physical Education for Men and Director of Athletics.

ROLLO WALTER BROWN, M. A. (Harvard).

Professor of Rhetoric and Composition.

EDWARD A. FATH, PH. D. (University of California).

Professor of Mathematics and Astronomy.

JESSE S. ROBINSON, PH. D. (Johns Hopkins).

Professor of Economics and Business Administration.

JOHN H. GRAY, PH. D. (University of Halle).

Professor of Economics.

D. BRYN JONES, M. A. (University College of North Wales).

Professor of Economics and Political Science.

ANDREW F. MCLEOD, PH. D. (University of Chicago).

Professor of Organic Chemistry.

IAN B. STOUGHTON HOLBORN,¹ M. A. (Oxford).

Professor of the History of Art.

JACOB F. BALZER, M. A. (University of Chicago).

Assistant Professor of Biblical Literature on the Fred B. Hill Foundation.

JOHN W. BECKER, Agrégé-des-Lettres, (The Sorbonne, Paris).

Assistant Professor of Romance Languages.

¹Second semester.

ROBERT CALDERWOOD, B. A. (Miami).

Assistant Professor of Public Speaking.

ALLEN CRAFTON, M. A. (Harvard).

Assistant Professor of English.

JOSEPH W. HAKE, M. A. (Northwestern).

Assistant Professor of Physics.

STUART MCKLVEEN HUNTER, M. A. (Princeton).

Assistant Professor of English.

EARL R. JACKSON, B. A. (Lawrence).

*Assistant Professor of Physical Education for Men and
Director of the Gymnasium.*

L. L. MENDENHALL, LL. B. (State University of Iowa).

Assistant Professor of Physical Education for Men.

GEORGE A. MULFINGER, PH. D. (University of Chicago).

Acting Professor of German.

NUBA M. PLETCHER,¹ PH. D. (Columbia).

Assistant Professor of Economics.

EDWARD Z. ROWELL, PH. D. (University of Chicago).

Assistant Professor of Philosophy.

HARVEY E. STORK, PH. D. (Cornell).

Assistant Professor of Botany.

VOLNEY H. WELLS, PH. D. (University of Michigan).

Assistant Professor of Mathematics.

MARION B. WHITE, PH. D. (University of Chicago).

Assistant Professor of Mathematics.

DONNELL B. YOUNG, PH. D. (Columbia).

Assistant Professor of Biology.

¹ Part time.

HERMAN H. ALLEN, PH. B. (University of Chicago).

Instructor in Journalism and Rhetoric.

AHNA ANDERSON, M. A. (Radcliffe).

Instructor in Romance Languages.

BERTHA A. BENNETT, B. S. (Columbia).

Instructor in Physical Education for Women.

LOUISE I. CAPEN, PH. D. (New York).

Instructor in History.

GERTRUDE COFFEEN, B. A. (Mills).

Instructor in Physical Education for Women.

EARL W. DUNN, B. A. (University of Michigan).

Instructor in Public Speaking.

J. ARTHUR HUGHES, B. S. (Carleton).

Instructor in Biology.

ERWIN W. JOHNS, B. A. (Morningside).

Instructor in Biology.

LUELLA FREDERICA NORWOOD, M. A. (Carleton).

Instructor in English.

PEARL SWANSON, B. S. (Carleton).

Instructor in Chemistry.

The Conservatory

EDWARD STRONG.

Professor of Voice and Dean.

FREDERICK LOCKE LAWRENCE, MUS. B. (Northwestern).

Professor of Piano and Composition.

EDMUND SERENO ENDER (Yale).

Professor of Organ and Theory and College Organist.

JOSHUA J. CASON¹.

Instructor in Wind Instruments and Director of the College Band.

MARGARET WHITNEY Dow, B. A., Mus. B. (Carleton).

Instructor in Piano.

HARRIET JOHNSON¹, (Crane Institute of Music).

Instructor in Public School Music.

L. EDNA MABON, Diploma in Music (Carleton).

Instructor in Voice.

ALMEDA FRANCES MANN.

Instructor in Piano and Violin.

FLORENCE STREET, Mus. B. (Carleton).

Instructor in Piano.

Standing Committees of the Faculty

On Registration and Schedule: Mr. Woods, Chairman; Miss Benton, Mr. Billings, Mr. Bird, Mr. Dungay, Mr. Gingrich, Mr. Headley, and Mr. Hornbeck.

On Scholarships and Prizes: Mr. Dean, Chairman; Miss Benton and Mr. Carter.

On Advanced Standing and Graduate Study: Mr. Gingrich, Chairman; Mr. Headley and Mr. Helming.

On Research: Mr. Exner, Chairman; Mr. Gray, Mr. Hornbeck, and Mr. Patton.

On Catalog and Other Publications: Mr. Woods, Chairman; Mr. Allen and Mr. Keith.

On Student Organizations: Mr. Keith, Chairman; Mr. Hornbeck and Miss White.

¹ Part time.

On Social Activities: Mr. Cochran, Chairman; Miss Benton, Mr. Dean, Mr. Fairbank, and Mr. Vernon.

On Religious Activities: Mr. Hoben, Chairman; Mr. Balzer, Miss Benton, Mr. Exner, and Miss Norwood.

On Commencement and Other Public Occasions: Mr. Dean, Chairman; Miss Benton, Mr. Fairbank, Mr. Gingrich, Mr. Headley, Miss Jones, and Mr. Strong.

Faculty Representatives

On Arbitration Board of Men's Literary Societies: Mr. Headley, Chairman; Mr. Exner and Mr. Hornbeck.

On Arbitration Board of Women's Literary Societies: Miss Benton, Chairman; Miss Jones and Miss Norwood.

On Forensic Board: Mr. Cochran, Chairman; Mr. Helming.

Announcements

Date of Opening

Monday and Tuesday, September 13 and 14, will be used for registration. Classes will meet for the first time on Wednesday according to the schedule on page 12.

Information

An information bureau will be maintained in Scoville Memorial Library during the opening days.

Registration

Registration hours will be from 10 to 12 and from 2 to 5 on Monday, and from 9 to 12 and from 2 to 5 on Tuesday. Senior and Junior men will register in the offices of their respective deans. Senior and Junior women will register in Scoville Memorial Library. Sophomore men and women will register in Room 102 in Willis Hall. Freshman men and women will register in Room 202 in Scoville Memorial Li-

brary. Registration for studies in the Conservatory of Music, for both private instruction and class work, will be made in the office of the Dean, Room 110 in Music Hall. After making selection of studies the student will report at once to the office of the Treasurer, Room 110, Laird Hall, for the payment of semester fees. A fee of \$2.00 will be charged for registration after the close of the two days specified.

Certificates and Examinations

Certificates for admission to the Freshman Class and applications, with credits, for advanced standing should be in the hands of the Registrar not later than Wednesday, September 8.

Examinations for admission and for advanced standing will be held on Monday, September 13.

Examinations for making up deficiencies will be held on Monday, September 20. Arrangements for examinations must be made in the office of the Registrar before the dates indicated.

Class Recitations and Opening Exercises

A schedule of fifteen minute periods with ten minute intermissions will be followed on Wednesday, beginning at eight o'clock. This plan will enable students to find the recitation rooms, to meet the instructors, and to receive assignments of lessons. Class lists will be formed at this time. The schedule follows:

Period 1— 8:00 to 8:15	Period 8—1:30 to 1:45
2— 8:25 to 8:40	9—1:55 to 2:10
3— 8:50 to 9:05	10—2:20 to 2:35
4— 9:15 to 9:30	11—2:45 to 3:00
5— 9:40 to 9:55	12—3:10 to 3:25
6—10:05 to 10:20	13—3:35 to 3:50
7—10:30 to 10:45	14—4:00 to 4:15

The opening chapel exercises will be held in the Skinner Memorial Chapel at 11:00 a. m., Wednesday.

The regular class schedule will be begun on Thursday morning at 8 o'clock. Classes meet in the periods indicated in the following table:

	T	W	Th	F	S	
8:00	1	1	2	1	2	
9:00	3	2	3	3	4	
10:30	5	4	5	4	5	
11:30	7	6	6	9	6	
1:30	9	7	9	7	8	
2:30	10	8	10	8	10	
3:30	11	12	11	11	12	
4:30	13	13	13	13		
7:00	14	14	14	14		

Faculty Changes

Absent on Sabbatical Furlough

Professor H. C. Wilson, of the Department of Astronomy and Mathematics, will spend the year doing observational work at the Mt. Wilson Observatory, Pasadena, California.

Miss Isabella Watson, of the Department of French, will probably spend the year somewhere in the South.

Professor A. E. Vestling, of the Department of German, and Dean of Sophomore Men, will study and teach at Yale University.

Professor J. E. Boodin, of the Department of Philosophy, will spend the year in travel and study in Sweden, Norway, England, and France.

Professor Howard Robinson, of the Department of History, will spend the year in study in English universities. During the first semester he will be at the University of Manchester; during the second semester he will be at Oxford.

Miss Eleanor Gladstone, Reference Librarian, will spend the year in Chicago and in the South.

Resignations

Professor G. W. Hunter, of the Department of Biology, goes to Knox College, Galesburg, Illinois, as head of the Department of Biology.

Mr. James Ewing, Assistant Professor of Biology, will teach in one of the Scottish universities.

Mr. Harry Kurz, Assistant Professor of Romance Languages, goes to the University of South Dakota, Vermillion, as head of the Department of Spanish.

Miss Flora LeStourgeon, Assistant Professor of Mathematics, goes to the University of Kentucky, Lexington, as Assistant Professor of Mathematics.

Miss Helen O. Mahin, Assistant Professor of Rhetoric and Journalism, goes to the University of Kansas, Lawrence, as Assistant Professor of Journalism.

Miss Ruth E. Peterson, Registrar, goes to the Farm School of the University of Minnesota, as Registrar.

Mr. R. A. Bryngelson, Instructor in Public Speaking, will attend the School of Religion, Yale University.

Mr. Hans Duus, Instructor in Chemistry, will do graduate work in chemistry at Harvard University.

Miss Evelyn Gardner, Instructor in English, will do graduate work in English at Radcliffe College, Cambridge, Massachusetts.

Mr. M. M. Mandl, Instructor in Biology, will engage in business in New York City.

Mr. H. R. Mueller, Instructor in History and Political Science, goes to Muhlenberg College, Allentown, Pennsylvania, as Assistant Professor of History.

Miss Lumetta Swanson, Instructor in Physical Education for women, was married on September 1 to Mr. Clifford Hansen, of St. Paul.

Miss Eva McMahon, Resident Nurse, will spend the year with her sister in New York City.

Mrs. Mary L. Stewart, Secretary to the Dean of Women, has accepted a secretarial position at the University of Michigan, Ann Arbor.

Mrs. Edith W. Vogel, Secretary to the Director of the Bureau of Appointments, will be at home.

New Appointments

Mr. Herman H. Allen, Ph. B. (University of Chicago), Instructor in Journalism and Rhetoric. He will conduct courses in Journalism and Freshman Composition.

Mr. J. F. Balzer, M. A. (University of Chicago), Assistant Professor of Biblical Literature on the Fred B. Hill Foundation. He comes from the Graduate School of the University of Chicago. He will offer three courses in Biblical Literature and one course in Sociology.

Mr. John W. Becker, Agrégé-des-Lettres (The Sorbonne, Paris), Assistant Professor of Romance Languages. He comes from Ripon College, where he has been Professor of Spanish. He will offer courses in French and Spanish.

Miss Bertha A. Bennett, B. S. (Columbia), Instructor in Physical Education for Women. She comes from a position in the State Manual Training Normal School, Pittsburg, Kansas. She will conduct courses in Sophomore and Junior Physical Education for Women.

Mlle. Hélène Bidal, Instructor in French. She comes from the position of Associate Professor of Letters at the National Lycée for Women, at Dijon, France. She will offer courses in Begining French, Modern French Prose, Romantic Literature, and Survey of French Literature.

Miss Etta Bozarth, of Evanston, Illinois, Resident Nurse. She received her training in St. Anne's Hospital, St. Louis, and has had seven years' experience in nursing.

Mr. Rollo W. Brown, M. A. (Harvard), Professor of Rhetoric and Composition. He comes from Wabash College, Crawfordsville, Indiana, where he has been Professor of Rhetoric for fifteen years. He will offer courses in Freshman Composition, Argumentative Writing, and Narrative Writing.

Miss Louise I. Capen, Ph. D. (New York), Instructor in History. She has just completed the work for her doctor's degree after seven years' successful teaching in the East. She will offer courses in Modern European History, English History, and the French Revolution.

Mrs. Adella M. Catton, Resident Head of Mabon House.

Mr. Allen Crafton, M. A. (Harvard), Assistant Professor of English. He comes from a similar position at Wabash College, Crawfordsville, Indiana. He will offer courses in Freshman Composition and English Drama.

Mr. Earl W. Dunn, B. A. (University of Michigan), Instructor in Public Speaking. He will offer courses in Freshman Public Speaking, Extemporaneous Speaking, and Oration Writing.

Miss Russell Edwards, B. A. (University of Missouri), Cataloger in the Library. She comes from a similar position at the University of North Dakota.

Mr. Edmund A. Ender, Assistant in the College Book Store.

Mr. Edward A. Fath, Ph. D. (University of California), Professor of Astronomy and Mathematics. He comes from the presidency of Redfield College, Redfield, South Dakota. He will offer courses in Astronomy, Higher Algebra, and Surveying.

Mr. John H. Gray, Ph. D. (University of Halle), Professor of Economics. He comes from the University of Minnesota, where he has been Professor of Economics for thirteen years. He will offer courses in Elementary Economics, Corporations and Trusts, Railroads, and the State in Relation to Industry.

Mr. Ian B. Stoughton Holborn, M. A. (Oxford), Professor of the History of Art, beginning the second semester. He comes from Oxford University, where he has been Extension Lecturer on Art. He will offer courses in the Theory

of Aesthetics, the Application of Art to Life, and Medieval Art.

Mr. J. Arthur Hughes, B. S. (Carleton), Instructor in Biology. He comes from an instructorship in the Tracy, Minnesota, High School. He will offer a course in General Histology, and will assist in the laboratory work of the required Freshman course.

Mr. Erwin W. Johns, B. A. (Morningside), Instructor in Biology. He will offer a course in Vertebrate Zoölogy, and will conduct one section of the required Freshman course, and assist in the laboratory work of that course.

Mr. D. Bryn Jones, M. A. (University College of North Wales), Professor of Economics and Political Science. He comes from the University of North Wales, where he has been Lecturer on Economics and Political Science. He will offer courses in Elementary Politics, International Relations, and National and International Finance.

Miss Esther Jorgensen, B. A. (Carleton), Assistant in the Library.

Miss Margaret Kaulbarsch, Assistant in the Offices of the Deans of Men.

Mr. Andrew F. McLeod, Ph. D. (University of Chicago), Professor of Organic Chemistry. He comes from the University of Nebraska, where he has been Professor of General Chemistry for six years. He will offer courses in Organic Chemistry and General Inorganic Chemistry.

Mr. L. L. Mendenhall, LL. B. (State University of Iowa), Assistant Professor of Physical Education for Men. He comes from the Boone, Iowa, High School, where he has been Athletic Director and Coach. He will have charge of basketball and baseball under the direction of Professor Hunt, and will assist in football.

Mr. George A. Mulfinger, Ph. D. (University of Chicago), Acting Professor of German. He comes from Alle-

gheny College, Allegheny, Pennsylvania, where he has been Professor of German Literature and Philology for fifteen years. He will offer courses in Beginning German, Intermediate German, Conversation and Composition, German Drama, and Schiller.

Mr. Jesse S. Robinson, Ph. D. (Johns Hopkins), Professor of Economics and Business Administration. He comes from a similar position at Simpson College, Indianola, Iowa. He will offer courses in Elementary Economics, Business Administration, Money and Banking, Agricultural Economics, and Statistics.

Mr. Edward Z. Rowell, Ph. D. (University of Chicago), Assistant Professor of Philosophy. He comes from the Graduate School of the University of Chicago. He will offer courses in Psychology, the History of Philosophy, Present Philosophical Tendencies, and American Philosophy.

Alice V. Steffens, Assistant in the Library.

Mr. Harvey E. Stork, Ph. D. (Cornell), Assistant Professor of Botany. He comes from an instructorship in Cornell University. He will offer courses in General Botany and Heredity.

Miss Florence Street, Mus. B. (Carleton), Instructor in Piano. She comes from a similar position at Yankton College, Yankton, South Dakota.

Miss Pearl Swanson, B. S. (Carleton), Instructor in Chemistry. She will assist in the laboratory work of courses in Inorganic Chemistry and Qualitative Analysis.

Mr. Volney H. Wells, Ph. D. (University of Michigan), Assistant Professor of Mathematics. He comes from a position as Statistician in the Treasury Department, at Washington, D. C. He formerly held a position at the University of Michigan. He will offer courses in Higher Algebra and College Algebra.

Mr. Donnell B. Young, Ph. D. (Columbia), Assistant Professor of Biology. He comes from an acting professorship at Dalhousie University, Halifax, Nova Scotia. He will offer a course in Elementary Zoölogy and will assist in the required Freshman course.

New Courses

Department of Biblical Literature

101. HISTORY OF NEW TESTAMENT TIMES.—A study of Palestine in its geographical and historical setting, together with an examination of political, social, and religious conditions as they pertain to a fuller understanding of the New Testament.

First Semester.—3 hours credit.

MR. BALZER

104. PRACTICAL VALUE OF THE BIBLE.—A study of selected passages from the Old and New Testaments with the purpose of discovering their significance in approaching student problems.

Second Semester.—3 hours credit.

MR. BALZER

203. THE SOCIAL TEACHINGS OF JESUS.—A survey of the social conditions in which Jesus had his ministry and of his social teachings as expressed in the gospels; the significance of these teachings in relation to modern social problems. This course is announced also as Sociology 203.

First Semester.—3 hours credit.

MR. BALZER

301. OLD TESTAMENT HISTORY.—A study of the Hebrew people with considerable emphasis on the development of the Hebrew state and its relation to contemporary history. Some attention is given to the development of the Hebrew literature in its relation to the various political, social, and

religious movements. The period covered extends to about 700 B. C.

First Semester.—3 hours credit. MR. BALZER

302. OLD TESTAMENT HISTORY.—A continuation of Course 301. The condition leading up to the Exile and during the Exile. The return to Palestine, to the destruction of Jerusalem in 70 A. D.

Second Semester.—3 hours credit. MR. BALZER

223. INTERPRETATION OF THE BIBLE.—An examination of various types of biblical interpretation. A careful consideration of the historical method and its application to a selected group of Old and New Testament books. An introduction to the best modern helps in Bible study.

First Semester.—3 hours credit. MR. BALZER

Department of Economics

301. CORPORATIONS AND TRUSTS.—Early forms of business organization; economic and legal occasion for the corporate form; advantages and disadvantages; different methods of controlling trusts; price control against control of profits. Economics 201-202 is prerequisite.

First Semester.—3 hours credit. MR. GRAY

303-304. RAILROADS.—Organization, capitalization, combination, and reorganization of railroads; importance of railroads and other means of transportation; the basis of rate-making; classification of freight; discrimination; regulation; fair return; valuation. Economics 201-202 is prerequisite.

First and Second Semesters.—3 hours credit. MR. GRAY

317. THE STATE IN RELATION TO INDUSTRY.—This course deals with the attempt of society as organized in the state to handle the growing complexity of economic relations resulting in invention, discovery, and division of labor;

the state as a regulating and as a producing economic factor. Economics 301 is prerequisite.

Second Semester.—3 hours credit. MR. GRAY

319. AGRICULTURAL ECONOMICS.—This course is intended for the student interested in the study of those economic principles which underlie the effective organization of the farm. The subjects treated correspond to those studies commonly grouped under the head of farm management. Choice of crops, choice and combination of the factors of production, size of farms, farm credit, and the problem of tenancy vs. farm ownership are discussed. The marketing of farm products and the fixing of prices are also considered.

First Semester.—3 hours credit. MR. ROBINSON

320. STATISTICS.—The aim of this course is to give a mathematical basis for statistical analysis, especially to students interested in sociological and economic problems. Approved methods of collecting, tabulating, and analyzing statistics are presented. Types and averages in common use are examined with reference to their comparative advantages.

Second Semester.—3 hours credit. MR. ROBINSON

321. NATIONAL AND INTERNATIONAL FINANCE.

First Semester.—3 hours credit. MR. JONES

Department of Education

341-342. TEACHERS' COURSE IN LIBRARY ADMINISTRATION.—The first semester will deal with the routine of organization and administration of a school library, with especial reference to the problems of Minnesota high school libraries. Classification of books and minor technical processes will be studied. Training will be given in the use of the catalog and other bibliographic aids, and of the most

important reference books. Two hours a week of assigned practice work in the College Library will be required of each student. The first half of the second semester will be devoted to instruction and practice in the making of a card catalog. The work of the last part of the semester will consist of a study of the principles of book selection, primarily for high school libraries, with examination and annotation of typical books. Two hours a week of assigned practice work in some library in Northfield will be required of each student.

First and Second Semesters.—3 hours credit.

MISS PENROSE

Department of English

113-114. INTRODUCTION TO LITERATURE.—A general course in literature intended to awaken an interest in literary study and to provide a basis for later specialized courses. The important forms of literature are studied by means of English literature and selections in translation from other languages. Open to Freshmen only.

First and Second Semesters.—3 hours credit. MR. CARTER

203-204. ARGUMENTATIVE COMPOSITION.—Study of the principles of argumentation as applied to writing, lectures on the collection of material, and much practice in composition. Each student writes many short, informal arguments, a number of persuasive letters, and several longer, more formal argumentative papers. The course is designed especially for students who expect to take up law, business, or journalism.

First and Second Semesters.—3 hours credit. MR. BROWN

301-302. NARRATIVE COMPOSITION.—Practice in writing fictional and non-fictional narrative, and supplementary study of narrative technique by careful examination of several long narratives and many short stories. Altho the basis of

the course is narrative, students are required to write some expository prose. The course is open to a limited number of students.

First and Second Semesters.—3 hours credit. MR. BROWN

Department of French

309-310. GENERAL SURVEY OF FRENCH LITERATURE.—This course aims to give the student an acquaintance with outstanding French writers beginning with the Middle Ages and on to the end of the 19th century. It should serve as a basis for more concentrated study later of definite literary movements or epochs in French literature. It is recommended for students who have completed French 202 and who are interested in literature.

First and Second Semesters.—3 hours credit.

MISS BIDAL

Department of the History of Art

During the second semester Professor Holborn will offer three courses in Art as follows: Theory of Aesthetics; the Application of Art to Life; Medieval Art.

Department of Library Administration

341-342. LIBRARY ADMINISTRATION.—See Education 341-342.

Department of Philosophy

317. AMERICAN PHILOSOPHY.—A study of the main currents of philosophic thought in America from the reign of Puritanism to the present day. Textbook: Riley's *American Thought*.

First Semester.—3 hours credit.

MR. ROWELL

318. INTELLIGENCE AND LIFE.—A study of the nature and function of human intelligence in its relation to the interests and values of life, together with an interpretation of scientific method. Lectures, readings, and discussions.

Second Semester.—3 hours credit.

MR. ROWELL

Department of Political Science

201-202. AMERICAN GOVERNMENT AND POLITICS.—The origins and evolution of federal, state, and local governmental institutions, with especial emphasis on their present structure and workings. Attention is given to modern problems of government and politics.

First and Second Semesters.—2 hours credit.

MR. PLETCHER

301. INTERNATIONAL RELATIONS.

First Semester.—3 hours credit.

MR. JONES

Department of Semitic Languages and the History of Religion

223-224. HISTORY OF RELIGION.—(a) The religious beliefs of mankind as reflected in ethnic mythology. (b) Christianity, Judaism, and Islam. Lectures and text-book.

Sophomores, Juniors, and Seniors, First and Second Semesters.—3 hours credit.

MR. PATTON

Department of Sociology

203. THE SOCIAL TEACHINGS OF JESUS.—See Biblical Literature 203.

307. CONTEMPORARY SOCIAL MOVEMENTS.

First Semester.—1 hour credit.

MR. HOBEN

Changes in Courses and Fees

Chemistry 101-2 and 103-4 will receive 4 hours credit each semester. Chemistry 303-4 will receive 5 hours credit each semester. Chemistry 301-2, in Quantitative Analysis, will be offered the same as before. But Course 305-6 will be changed into double courses, which will cover the work of 301-2 in the first semester. In the second semester will be taken up Advanced Quantitative Analysis in Applied Chemistry, with work in Electro-titration, Hydrogen Ion Concentration, Electro-analysis, Radio-analysis, Assaying, Water Analysis, Gas Analysis, Fuel Analysis, Food Analysis, and other topics. Prerequisite, Course 201-2. Two hours of lecture and 12 hours laboratory each week. 6 hours credit each semester.

Fees for courses in Chemistry will be as follows: For courses 101, 102, 103, 104, 201, 202, 301, 302, six dollars each; for courses 303 and 304, eight dollars each; for courses 305 and 306, ten dollars each.

Education 101 will be offered as a three-hour course instead of a one-hour course as heretofore.

Public Speaking 101 will be offered as a three-hour course instead of a two-hour course as heretofore.

The Department of French is planning to give a series of conversational courses in French but for no credit. These courses are to be under the direction of the Cercle Français of Carleton College and will consist of one hour's practice every week in oral French at the regular meetings of the Cercle. There will be different classes adapted to the various abilities of students. Place and hours are to be arranged after sessions have begun.

The removal of the Department of Chemistry from Laird Science Hall has furnished space for offices, stock rooms, and new laboratories. This will greatly improve the work of the Department of Biology. The old biological laboratory will be given over to botanical work. On the second floor a large laboratory has been provided to care for the required Freshman course. The bacteriological work will be given in the large laboratory on the first floor. A large incubator has been installed and an adequate preparation room has been provided.

Changes in the teaching force have made it necessary to withdraw courses 303, 304, and 317. Unless changes are made necessary by the registration, Biology 301 will not be offered until next year. This course will be given in alternate years.

Leighton Hall of Chemistry will be ready for occupancy by the time college work begins. The Department of Chemistry will use the basement and the first two floors. The six recitation rooms on the third floor will be used for various college classes.

The College Concert Course, 1920-21

The Carleton Concert Course for 1920-1921 promises to be of unusual interest and excellence. The course opens on Tuesday, October 26, with Myrna Sharlow, Soprano, of the Chicago Opera Company. During the past two seasons Miss Sharlow has appeared in a wide range of parts in opera and has also filled a large number of recital engagements. She has a delightful voice, of wide range, and she uses it with fine artistic effect. Miss Augusta Cottlow of New York will give a piano recital on Friday, November 19. Miss Cottlow has been known internationally as a recitalist for more than twenty years. Friday, December 3, will mark the fifth ap-

pearance in Northfield under College auspices of the Zoellner Quartette. The fact that the Zoellners return year after year is the best endorsement of their merit. On Tuesday, December 4, Miss Katharine Goodson returns to Carleton for the fourth time. Miss Goodson stands at the top of the list of women pianists. This will be her last appearance in the United States for at least four years, as she is planning a concert tour around the world. On Friday, January 21, 1921, Miss Vera Poppe, a Dutch cellist, will appear in recital. Miss Poppe recently made her first concert tour of this country and made a profound impression on the musical world by her fine playing. This recital promises to be of unusual interest as Carleton has never before offered an exclusive evening of cello music. Mr. Theodore Spiering, Violinist, will give a recital on Friday, March 18. Mr. Spiering was for some years concertmeister of the Chicago Orchestra; later he held the same position with the New York Philharmonic Orchestra. On the death of Gustav Mahler, conductor of the Philharmonic, Mr. Spiering conducted the remaining 18 concerts of the season with fine success. He possesses a tremendous technic and an enormous repertoire. The last number of the course will occur on Friday, April 8, when Mr. Burton Thatcher, Baritone, of Chicago, will appear in recital. All the concerts will be given in Skinner Memorial Chapel, at 8:15 p. m.

Notes

Prospective Students

On September 6 the number of students who have definitely applied for admission to the Freshman Class is 307. This will be the largest Freshman Class that has even entered Carleton. The total enrollment in the College will be over 700, the largest in the history of the institution.

Opening of Dormitories

Rooms in all dormitories will not be ready for occupancy before Monday, September 13, at 9 a. m. The first meals will be served at noon on Monday.

New Houses for Women

In order to meet the demand for rooms in the dormitories for the coming year, the college recently purchased the Hitchcock residence, on the corner of Second Street and College Avenue, and the Carpenter residence, on Nevada Street. These houses will accommodate about forty students and will be used as additional dormitories for Freshman women. Rooms in private homes near the campus will be used for those who are unable to secure rooms in the dormitories. All women students will secure meals in the College dining halls.

Rooms for Men

A survey of the part of Northfield near the campus has been made and a list of rooms available for men who are unable to secure dormitory rooms will be at hand at the time of registration. The dining room in the Men's Dormitory is ample for serving meals to all the men.

Directory of Offices

President . . . Room 101, Laird Hall, Telephone No. 100
Treasurer . . . Room 110, Laird Hall, Telephone No. 111
Chairman of the Board of Deans, Room 101, Leighton
Hall, Telephone No. 333
Dean of Women . . . Gridley Hall, Telephone No. 366
Dean of Senior Men . . Room 202, Willis Hall,
Telephone No. 289-L.
Dean of Junior Men, Room 202, Willis Hall,
Telephone No. 289-L.
Dean of Sophomore Men, Room 202, Willis Hall,
Telephone No. 289-L.
Dean of Freshman Men, Room 202, Willis Hall,
Telephone No. 289-L.
Dean of the Conservatory, Room 110, Music Hall,
Telephone No. 415
Director of the Bureau of Appointments, Skinner
Memorial Chapel, Secod Floor, East Side,
Telephone No. 289-J
Director of the Library . . . Scoville Memorial Library
Director of Athletics, Sayles-Hill Gymnasium,
Telephone No. 376-J

Housing Committee

A committee will be in session during registration days to assist students in finding rooms. The committee for women will be found in the office in Gridley Hall; the committee for men will be found in the lobby of the Men's Dormitory.

Instructions to Freshmen Regarding Registration and Classes

1. Make sure that your high school certificate is in the hands of the Registrar or of the registration committee by the time you register. If you have not sent it in, bring it with you when you register.

2. Registration will be held on Monday and Tuesday, September 13 and 14, in the Scoville Memorial Library. Secure a registration number and present yourself in Room 201 on the second floor of the Library in the proper numerical order.

3. If possible to do so, make a tentative selection of courses and periods before you present yourself to the registration committee. Make sure that your work is evenly distributed thruout the week. Record laboratory periods.

4. Each student is required to take the following courses:

Biology 105—Class periods, 1, 2, or 5; Laboratory periods, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, or 12.

English 101.—Periods 1, 2, 3, 4, 5, 6, 7, or 9.

Physical Education 101.—Periods for Men—4 or 5; Periods for Women—6, 10, or 11.

Foreign Language—either French, German, Greek, Italian, Latin, or Spanish. See courses and periods under 5.

Mathematics, Ancient Language, or Laboratory Science. See courses and periods under 5.

Only students who present three units in Mathematics for entrance may choose a science, and this must be in addition to the required course in Biology.

An Ancient Language chosen instead of Mathematics or Science may not be counted toward meeting the Foreign Language requirement. First year Latin is not accepted as satisfying this requirement.

5. Each student should elect at least one of the following courses:

Bible 101.—History of New Testament Times. Period 5.

Biology 101.—Fundamentals of Zoölogy. Periods 7 and 8.

Biology 103.—General Botany. Periods 5 and 6.

Chemistry 101.—Introduction to Inorganic Chemistry.

For students who have had no chemistry. 4 hours credit.
Class period, 2; laboratory period, 3.

Chemistry 103.—General Inorganic Chemistry. For students who have had one year of chemistry in high school. 4 hours credit. Class period, 2; laboratory period, Tuesday, 1:30-4:20, or Thursday, 1:30-4:20.

Education 101.—How to Study. Period 3.

English 113.—Introduction to Literature. Period 2.

French 101—Beginning French; or 201—Intermediate French; or 301, Classical Literature, depending upon previous preparation. French 101, period 1, 2, 3, 5, 6, 7, or 8; French 201, period 4, 5, 6, or 7; French 301, period 9.

German 101—Beginning German; or 201—Intermediate German, depending upon previous preparation. German 101, period 7; German 201, period 9.

Greek 101.—Beginning Greek. 4 hours credit. Period 1.

Italian 101.—Beginning Italian. Period 6.

Latin 11.—Beginning Latin and Caesar; or 21—Caesar and Cicero; or 31—Vergil; or 101—Cicero and Livy, depending upon previous preparation. Latin 11, period 4; Latin 21, period 3; Latin 31, period 1; Latin 101, period 2.

Mathematics 101.—Higher Algebra. Period 1, 2, 3, 4, 5, 7, or 9.

Mathematics 103.—College Algebra. Period 7 or 8.

Mathematics 105.—Unified Mathematics. For students who present at least two and one-half units of mathematics for entrance. Period 2 or 4.

Physics 101.—Mechanical Drawing. 1½ hours credit. Periods 7 and 8.

Physics 103.—Descriptive Geometry. 1½ hours credit. Periods 7 and 8.

Physics 111.—General Physics. 4 hours credit. Class period, 1 or 2; laboratory period, Wednesday, 1:30-3:20 or Friday, 1:30-3:20.

Public Speaking 101.—Introduction to Public Speaking. Period 1, 2, 3, 5, 6, or 7.

Spanish 101.—Beginning Spanish. Period 1, 2, 6, or 9.

6. After your registration is completed, report at once to the Treasurer's office, Room 110 in Laird Hall, for the adjustment of semester fees.

7. On Wednesday, be sure to attend the first session of all your classes. For the time of meeting, see the table on page 12 of this Bulletin. For the place of meeting, see the Schedule to be had at the place of registration.

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